

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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. NMNM031384
2. Name of Operator BOPCO LP		6. If Indian, Allottee or Tribe Name
3a. Address P O BOX 2760 MIDLAND, TX 79702		7. If Unit or CA/Agreement, Name and/or No. 891000303X
3b. Phone No. (include area code) Ph: 432-221-7341		8. Well Name and No. POKER LAKE UNIT CVX JV BS 030H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T25S R31E NENW 0330FNL 1940FWL 32.095678 N Lat, 103.460269 W Lon		9. API Well No. 30-015-42496-00-X1
		10. Field and Pool, or Exploratory WC G 06 S2530020 B.S.
		11. County or Parish, and State EDDY COUNTY, NM

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 ☐ Change to Original APD
	☐ 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 recomplete 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 recompletion 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 request to amend the approved 8 pt. for the PLU CVX JV BS #030H, API #30-015-42479. The change to the original APD is due to severe losses in the Brushy Canyon. Currently we have a string of 13-3/8" 48lb/ft H-40 ST&C set at 841' and a string of 9-5/8" 40 lb/ft J-55 LT&C set at 4,350'. The intent is to run 7" 26 lb/ft HCP-110 BTC casing inside our 8-3/4" open hole down to 9,642', 100' above planned KOP. A 4-1/2" liner will be ran and cemented through the curve and lateral with a hanger and liner top packer set 100' inside the 7" casing, top of liner set at 9,542'. The following changes will alter the approved directional plan as well, we will be removing the 70 degree tangent, and the new well plan is attached.

2nd intermediate string of casing:
7" 26 lb/ft HCP-110 BTC casing
o Collapse: 7,800 Psi/ 1.691 SF

NM OIL CONSERVATION
ARTESIA DISTRICT

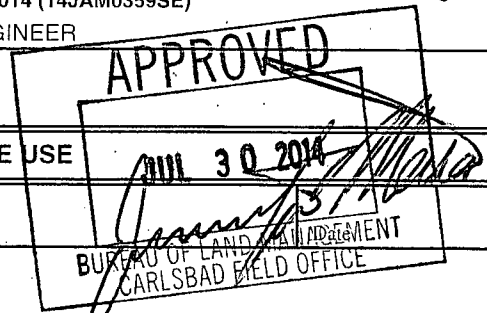
AUG 04 2014

original ROHS still stand. 4-1/2" liner
need additional cement excess ~ 9%

Accepted for record

NM OCD 107
8414

14. I hereby certify that the foregoing is true and correct. Electronic Submission #254896 verified by the BLM Well Information System For BOPCO LP, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER MASON on 07/30/2014 (14JAM0359SE)	
Name (Printed/Typed) BRIAN BRAUN	Title DRILLING ENGINEER
Signature (Electronic Submission)	Date 07/28/2014
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By	Title
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.	Office



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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #254896 that would not fit on the form

32. Additional remarks, continued

o Set Depth: 9,642?
? Cement volumes:
o 1st stage lead: 600 sacks of Class H cement
 Density: 12.5 ppg
 Yield: 1.89 ft³/sack
 H₂O requirement: 10.52 gal/sack
o 1st stage tail: 200 sacks of Class H cement
 Density: 13.0 ppg
 Yield: 1.68 ft³/sack
 H₂O: 9.01 gal/sack
o 2nd stage lead: 240 sacks of Class C
 Density: 13.5 ppg
 Yield: 1.72 ft³/sack
 H₂O: 9.12 gal/sack
o TOC approx. 1000? overlap into 9-5/8? casing

✓ CBL will be submitted after completion. on call 7/28/14 JRM

Production Casing:

? 4-1/2? 11.6 lb/ft HCP-110 BTC casing
o Liner top set @ 9,542?
o Collapse: 8650 psi/ 1.685 SF
o Set Depth: 20,059?
o Cement job
 Tail Volume: 900 sacks
 Tail Details: 14.5 ppg, 1.21 ft³/sk yield, H₂O 5.30 gal/sk
o TOC at liner top approx. 9,442?

hole size 6 1/8" per original APD

all w/ in Bone Spring formation.

BOPCO, L.P. respectfully request to amend the approved 8 pt. for the PLU CVX JV BS #030H, API #30-015-42479. The change to the original APD is due to severe losses in the Brushy Canyon. Currently we have a string of 13-3/8" 48lb/ft H-40 ST&C set at 841' and a string of 9-5/8" 40 lb/ft J-55 LT&C set at 4,350'. The intent is to run 7" 26-lb/ft HCP-110 BTC casing inside our 8-3/4" open hole down to 9,642', 100' above planned KOP. A 4-1/2" liner will be ran and cemented through the curve and lateral with a hanger and liner top packer set 100' inside the 7" casing, top of liner set at 9,542'. The following changes will alter the approved directional plan as well, we will be removing the 70 degree tangent, and the new well plan is attached.

2nd intermediate string of casing:

- 7" 26 lb/ft HCP-110 BTC casing
 - Collapse: 7.800 Psi/ 1.691 SF
 - Set Depth: 9,642'
- Cement volumes:
 - 1st stage lead: 600 sacks of Class H cement
 - Density: 12.5 ppg
 - Yield: 1.89 ft³/sack
 - H₂O requirement: 10.52 gal/sack
 - 1st stage tail: 200 sacks of Class H cement
 - Density: 13.0 ppg
 - Yield: 1.68 ft³/sack
 - H₂O: 9.01 gal/sack
 - 2nd stage lead: 240 sacks of Class C
 - Density: 13.5 ppg
 - Yield: 1.72 ft³/sack
 - H₂O: 9.12 gal/sack
 - TOC approx. 1000' overlap into 9-5/8" casing

Production Casing:

- 4-1/2" 11.6 lb/ft HCP-110 BTC casing
 - Liner top-set @ 9,542'
 - Collapse: 8650 psi/ 1.685 SF
 - Set Depth: 20,059'
 - Cement job
 - Tail Volume: 900 sacks
 - Tail Details: 14.5 ppg, 1.21 ft³/sk yield, H₂O 5.30 gal/sk
 - TOC at liner top approx. 9,442'

5D Plan Report

BOPCO, L.P.**Field Name:** *Eddy Co, NM Nad27 NMEZ***Site Name:** *Poker Lake Unit CVX JV BS #027, 030H Pad***Well Name:** *Poker Lake Unit CVX JV BS #030H***Plan:** *P2:V1*

28 July 2014

**Weatherford®**

BOPCO, L.P.

Poker Lake Unit CVX JV BS #030H

Eddy Co, NM



Weatherford

Plan Data for Poker Lake Unit CVX JV BS #030H

Plan Point Information:

DogLeg Severity Unit: */100.00ft									
Position offsets from Slot centre									
MD	Inch	Δz	TVD	N/S	E/W	Northing	Easting	VSec	DLS
(USft)	(")	(")	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DL.SU)
5602.00	1.77	70.15	5600.75	1.54	-6.42	424491.14	675109.58	-1.56	0.25
5662.00	1.70	68.45	5660.72	2.58	-4.72	424491.78	675111.68	-2.59	0.14
5731.02	1.70	68.45	5729.71	3.33	-2.82	424452.53	675113.58	-3.34	0.00
10736.98	89.51	179.54	10373.00	-632.27	15.55	423856.93	675131.59	612.31	9.00
20036.52	89.51	179.54	10387.00	-5931.80	25.40	414557.40	675111.80	9531.83	0.00

Plan Data for Poker Lake Unit CVX JV BS #030H

Target Set Information:

Name: PLU CVX JV BS #030H

Position offsets from Slot centre

Name	TVD	Elevation	N/S	E/W	Northing	Easting	Shape	Comment
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)		
PBHL #030H	10387.00	-6913.00	-5931.80	25.40	414557.40	675111.80	Cuboid	

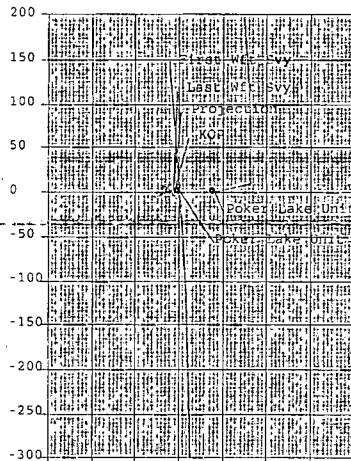
Plan Data for Poker Lake Unit CVX JV BS #030H

Slot: Poker Lake Unit CVX JV BS #030H

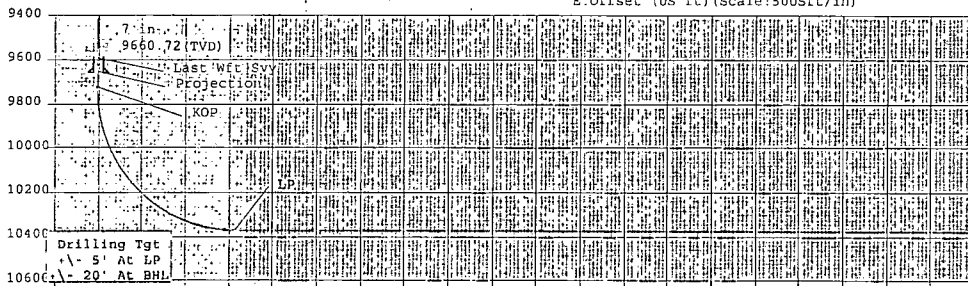
Position:

N/S:	0.10USft	Northing:	424489.20USft	Latitude:	32°5'56.6"
E/W:	-40.00USft	Easting:	675116.40USft	Longitude:	-103°46'2.7"
Elevation Above WPD:					3452.00USft

N. Offset (US ft)



E. Offset (US ft) (Scale: 50USft/in)



-200 0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000

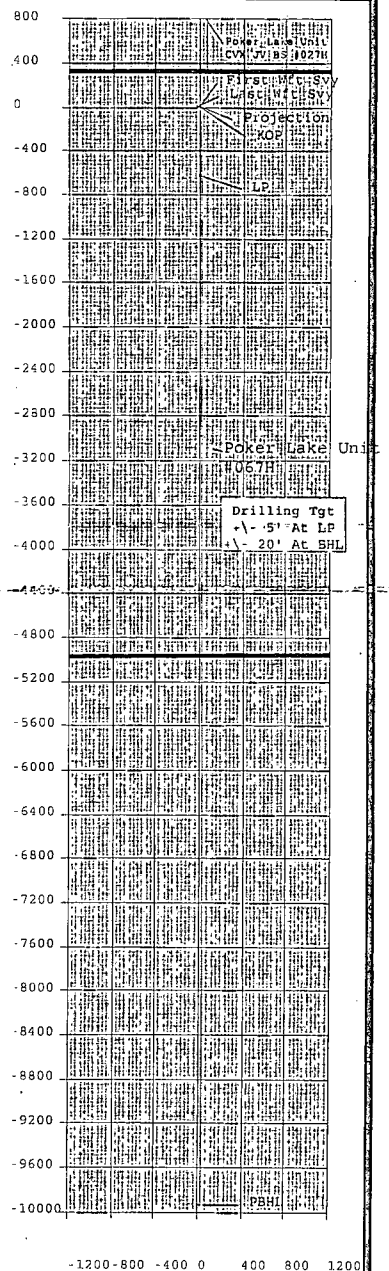
VS (US ft) (Bearing: 179.85° Scale: 200USft/in)



4000 4200 4400 4600 4800 5000 5200 5400 5600 5800 6000 6200 6400 6600 6800 7000 7200 7400 7600 7800 8000 8200 8400 8600 8800 9000 9200 9400 9600 9800 10000 10200 10400

VS (US ft) (Bearing: 179.85° Scale: 200USft/in)

Sign Off: Russell Joyner



Poker Lake Unit CVX JV BS #030H

Field Name Eddy Co, NM Nad27 NMEZ	Map Units : US ft		Company Name : BOPCO, L.P.	
	Vertical Reference Datum (VRD) : Mean Sea Level			
Projected Coordinate System : NAD27 / New Mexico East				
Comment :				
Site Name Poker Lake Unit CVX JV BS #027, 030H Pad	Units : US ft	North Reference : Grid	Convergence Angle : 0.30	
	Position	Northing : 424489.10 US ft	Latitude : 32° 9' 56.78"	
		Easting : 675156.40 US ft	Longitude : -103° 46' 2.23"	
	Elevation above Mean Sea Level: 3453.00 US ft			
Comment :				
Slot Name Poker Lake Unit CVX JV BS #030H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.10 US ft	Northing : 424489.20 US ft	Latitude : 32° 9' 56.78"	
	+E / -W : -40.00 US ft	Easting : 675116.40 US ft	Longitude : -103° 46' 2.70"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3452.00 US ft				
Comment :				
Well Name Poker Lake Unit CVX JV BS #030H	Type : Main well	UWI :	Plan : P2:V1	
	Rig Height <i>Kelly Bushing</i> : 22.00 US ft	Comment :		
	Relative to Mean Sea Level: 3474.00 US ft			
	Closure Distance : 9931.83 US ft	Closure Azimuth : 179.853°		
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft	+E / -W : 0.00 US ft	Az : 179.85°	
	Magnetic Parameters			
	Model : Default	Field Strength : 50000.0nT	Dec : 0.00°	Dip : 0.00°

Target Set

Name : PLU CVX JV BS Number of Targets : 1
#030H

Comment :

Target Name PBHL #030H	Position (Relative to Slot centre)			
	+N / -S : -9931.80 US ft	Northing : 414557.40 US ft	Latitude : 32° 8' 18.49"	
	+E / -W : 25.40 US ft	Easting : 675141.80 US ft	Longitude : -103° 46' 3.01"	
	TVD (Kelly Bushing) : 10387.00 US ft			
Shape: Cuboid	Orientation Azimuth : 0.00° Inclination : 0.00°			
Dimensions Length : 0.00 US ft		Breadth : 0.00 US ft		Height : 0.00 US ft

Casing Points (Relative to Slot centre, TVD relative to Kelly Bushing)								
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N Offset (US ft)	E Offset (US ft)	Northing (US ft)	Easting (US ft)	Name
9662.00	1.70	68.45	9660.72	2.58	-4.72	424491.78	675111.68	7 in

5D Plan Report

Well path created using minimum curvature

Salient Points (Relative to Slot centre, TWD relative to Kelly Bushing)											Comment
MD (US ft)	Inc (°)	Az (°)	TWD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (%/100 US ft)	VS (US ft)	B.Rate (%/100 US ft)	T.Rate (%/100 US ft)	T.Face (°)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
929.00	0.69	17.22	928.98	5.34	1.66	0.07	-5.34	0.07	0.00	17.22	First Wft Svy
1024.00	1.07	18.21	1023.97	6.73	2.10	0.40	-6.73	0.40	1.04	2.79	
1119.00	0.38	327.46	1118.96	7.84	2.21	0.93	-7.83	-0.73	-53.42	199.53	
1214.00	0.70	315.92	1213.95	8.52	1.64	0.35	-8.52	0.34	-12.15	335.40	
1308.00	0.89	313.30	1307.95	9.44	0.71	0.21	-9.43	0.20	-2.79	347.86	
1403.00	0.16	253.18	1402.94	9.90	0.04	0.87	-9.90	-0.77	-63.28	189.72	
1498.00	0.50	207.93	1497.94	9.50	-0.28	0.42	-9.50	0.36	-47.63	298.40	
1593.00	0.58	216.15	1592.94	8.74	-0.76	0.12	-8.75	0.08	8.65	48.24	
1689.00	0.60	209.66	1688.93	7.92	-1.29	0.07	-7.92	0.02	-6.76	283.40	
1784.00	0.75	212.71	1783.92	6.96	-1.87	0.16	-6.96	0.16	3.21	15.00	
1879.00	0.84	215.70	1878.91	5.87	-2.62	0.10	-5.88	0.09	3.15	26.25	
1974.00	1.10	215.04	1973.90	4.56	-3.55	0.27	-4.57	0.27	-0.69	357.21	
2069.00	1.43	219.73	2068.88	2.90	-4.83	0.36	-2.91	0.35	4.94	19.77	
2165.00	1.82	249.23	2164.84	1.44	-7.02	0.95	-1.46	0.41	30.73	80.24	
2260.00	2.02	254.85	2259.79	0.47	-10.05	0.29	-0.49	0.21	5.92	46.10	
2355.00	1.57	292.19	2354.74	0.52	-12.87	1.29	-0.55	-0.47	39.31	129.02	
2450.00	0.85	338.88	2449.72	1.67	-14.33	1.23	-1.71	-0.76	49.15	147.92	
2545.00	0.80	14.01	2544.71	2.97	-14.42	0.53	-3.01	-0.05	36.98	113.03	
2640.00	0.60	41.00	2639.71	3.99	-13.93	0.40	-4.03	-0.21	28.41	134.26	
2735.00	0.56	35.06	2734.70	4.74	-13.34	0.08	-4.78	-0.04	-6.25	233.42	
2830.00	0.53	41.59	2829.70	5.45	-12.78	0.07	-5.49	-0.03	6.87	119.02	
2925.00	0.55	36.28	2924.69	6.15	-12.22	0.06	-6.18	0.02	-5.59	289.11	
3020.00	0.45	50.67	3019.69	6.75	-11.66	0.17	-6.78	-0.11	15.15	135.58	
3116.00	0.47	48.89	3115.69	7.25	-11.07	0.03	-7.28	0.02	-1.85	323.56	
3211.00	0.70	53.71	3210.68	7.85	-10.31	0.25	-7.88	0.24	5.07	14.49	
3306.00	0.78	58.14	3305.67	8.54	-9.29	0.10	-8.56	0.08	4.66	37.80	
3401.00	0.65	52.55	3400.67	9.20	-8.32	0.16	-9.23	-0.14	-5.88	205.44	
3496.00	0.56	35.70	3495.66	9.91	-7.62	0.21	-9.93	-0.09	-17.74	234.91	
3590.00	0.60	38.86	3589.66	10.67	-7.04	0.05	-10.68	0.04	3.36	40.24	
3685.00	0.66	70.83	3684.65	11.23	-6.21	0.37	-11.25	0.06	33.65	96.55	
3780.00	0.91	72.30	3779.64	11.64	-4.98	0.26	-11.65	0.26	1.55	5.34	
3875.00	1.09	120.53	3874.63	11.41	-3.48	0.88	-11.42	0.19	50.77	102.74	
3970.00	0.77	170.52	3969.62	10.32	-2.60	0.88	-10.33	-0.34	52.62	135.25	
4065.00	1.07	164.10	4064.61	8.84	-2.25	0.33	-8.85	0.32	-6.76	337.81	
4160.00	1.42	160.45	4159.58	6.88	-1.61	0.38	-6.88	0.37	-3.84	345.40	
4255.00	1.17	173.05	4254.56	4.81	-1.10	0.40	-4.81	-0.26	13.26	137.46	
4275.00	1.24	170.87	4274.55	4.39	-1.04	0.42	-4.39	0.35	-10.90	325.69	
4386.00	1.14	175.88	4385.53	2.10	-0.77	0.13	-2.10	-0.09	4.51	136.35	
4481.00	1.05	165.96	4480.51	0.32	-0.49	0.22	-0.32	-0.09	-10.44	239.70	
4575.00	1.05	173.44	4574.50	-1.38	-0.19	0.15	1.38	0.00	7.96	93.74	
4670.00	1.11	170.78	4669.48	-3.15	0.06	0.08	3.15	0.06	-2.80	318.78	
4765.00	1.25	169.86	4764.46	-5.08	0.39	0.15	5.08	0.15	-0.97	351.83	
4860.00	0.63	169.39	4859.45	-6.61	0.67	0.65	6.61	-0.65	-0.49	180.48	
4955.00	0.66	154.45	4954.44	-7.62	1.00	0.18	7.62	0.03	-15.73	272.59	
5050.00	0.66	152.78	5049.44	-8.60	1.49	0.02	8.60	0.00	-1.76	269.17	
5145.00	0.70	154.22	5144.43	-9.61	1.99	0.05	9.61	0.04	1.52	23.86	
5240.00	0.82	157.38	5239.42	-10.76	2.51	0.13	10.76	0.13	3.33	20.84	
5335.00	1.48	161.16	5334.40	-12.55	3.16	0.70	12.55	0.69	3.98	8.45	
5430.00	1.09	177.80	5429.38	-14.61	3.59	0.56	14.62	-0.41	17.52	144.38	
5525.00	0.91	181.82	5524.36	-16.27	3.60	0.20	16.28	-0.19	4.23	160.71	
5620.00	1.01	326.22	5619.36	-16.32	3.11	1.92	16.33	0.11	152.00	161.24	
5715.00	1.32	331.51	5714.34	-14.67	2.13	0.35	14.67	0.33	5.57	21.79	
5809.00	1.31	333.33	5808.31	-12.76	1.13	0.05	12.76	-0.01	1.94	104.37	

5D Plan Report

Salient Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DIS (%/100 US ft)	VS (US ft)	B.Rate (%/100 US ft)	T.Rate (%/100 US ft)	T.Face (°)	Comment
5904.00	1.24	329.44	5903.29	-10.90	0.12	0.12	10.90	-0.07	-4.09	229.10	
5999.00	1.14	329.27	5998.27	-9.20	-0.89	0.11	9.20	-0.11	-0.18	181.94	
6094.00	1.05	318.55	6093.25	-7.74	-1.95	0.24	7.73	-0.09	-11.28	240.99	
6189.00	1.03	313.50	6188.24	-6.50	-3.14	0.10	6.49	-0.02	-5.32	255.17	
6284.00	1.07	309.45	6283.22	-5.35	-4.45	0.09	5.33	0.04	-4.26	296.29	
6379.00	0.99	317.82	6378.20	-4.17	-5.68	0.18	4.16	-0.08	8.81	122.14	
6474.00	0.93	313.71	6473.19	-3.03	-6.79	0.10	3.02	-0.06	-4.33	226.89	
6568.00	0.95	318.08	6567.18	-1.93	-7.86	0.08	1.91	0.02	4.65	76.60	
6663.00	0.85	315.87	6662.17	-0.83	-8.88	0.11	0.81	-0.11	-2.33	198.04	
6758.00	0.78	335.98	6757.16	0.26	-9.63	0.31	-0.29	-0.07	21.17	113.67	
6853.00	0.89	318.86	6852.15	1.41	-10.38	0.29	-1.44	0.12	-18.02	285.08	
6948.00	0.84	323.96	6947.14	2.53	-11.28	0.10	-2.56	-0.05	5.37	125.53	
7043.00	0.91	313.62	7042.13	3.61	-12.23	0.18	-3.64	0.07	-10.88	288.68	
7138.00	0.77	311.70	7137.12	4.56	-13.26	0.15	-4.59	-0.15	-2.02	190.41	
7233.00	0.74	300.51	7232.11	5.29	-14.26	0.16	-5.33	-0.03	-11.78	252.94	
7329.00	0.74	292.54	7328.10	5.84	-15.37	0.11	-5.88	0.00	-8.30	266.02	
7424.00	0.73	294.81	7423.09	6.33	-16.48	0.03	-6.38	-0.01	2.39	110.09	
7519.00	0.60	217.48	7518.09	6.19	-17.33	0.88	-6.24	-0.14	-81.40	224.37	
7614.00	0.63	212.68	7613.08	5.36	-17.92	0.06	-5.41	0.03	-5.05	297.80	
7709.00	0.60	179.83	7708.08	4.42	-18.20	0.37	-4.47	-0.03	-34.58	248.85	
7804.00	0.69	172.93	7803.07	3.36	-18.13	0.12	-3.40	0.09	-7.26	315.72	
7899.00	0.71	171.67	7898.06	2.21	-17.97	0.03	-2.25	0.02	-1.33	321.78	
7994.00	0.71	184.59	7993.06	1.04	-17.93	0.17	-1.08	0.00	13.60	96.46	
8184.00	0.74	191.60	8183.04	-1.34	-18.28	0.05	1.29	0.02	3.69	74.84	
8375.00	0.42	188.64	8374.03	-3.24	-18.63	0.17	3.19	-0.17	-1.55	183.87	
8470.00	0.22	214.10	8469.03	-3.73	-18.78	0.25	3.68	-0.21	26.80	156.87	
8565.00	0.73	266.58	8564.03	-3.92	-19.49	0.65	3.87	0.54	55.24	68.80	
8660.00	1.09	279.51	8659.01	-3.81	-20.98	0.43	3.75	0.38	13.61	36.27	
8755.00	0.85	246.54	8754.00	-3.94	-22.52	0.63	3.88	-0.25	-34.71	230.83	
8849.00	0.25	155.58	8848.00	-4.40	-23.08	0.95	4.34	-0.64	-96.77	196.31	
8943.00	0.70	49.72	8941.99	-4.22	-22.55	0.86	4.16	0.48	-112.62	236.76	
9038.00	1.11	42.09	9036.98	-3.16	-21.49	0.45	3.10	0.43	-8.03	339.78	
9133.00	1.13	60.27	9131.96	-2.01	-20.06	0.37	1.96	0.02	19.14	95.89	
9228.00	1.63	76.38	9226.94	-1.23	-17.94	0.66	1.18	0.53	16.96	46.05	
9318.00	1.81	76.25	9316.90	-0.59	-15.31	0.20	0.55	0.20	-0.14	358.69	
9414.00	1.85	74.87	9412.85	0.17	-12.34	0.06	-0.21	0.04	-1.44	311.54	
9509.00	1.96	74.16	9507.80	1.02	-9.30	0.12	-1.04	0.12	-0.75	347.54	
9602.00	1.77	70.15	9600.75	1.94	-6.42	0.25	-1.96	-0.20	-4.31	212.49	Last Wft Svy
9662.00	1.70	68.45	9660.72	2.58	-4.72	0.14	-2.59	-0.12	-2.83	215.48	Projection; 7 in
9731.02	1.70	68.45	9729.71	3.33	-2.82	0.00	-3.34	0.00	0.00	0.00	KOP
10736.98	89.91	179.94	10373.00	-632.27	15.59	9.00	632.31	8.77	11.08	111.48	LP
20036.52	89.91	179.94	10387.00	-9931.80	25.40	0.00	9931.83	0.00	0.00	0.00	PBHL

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DIS (%/100 US ft)	Northing (US ft)	Easting (US ft)	T.Face (°)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	424489.20	675116.40	0.00	
929.00	0.69	17.22	928.98	5.34	1.66	-5.34	0.07	424494.54	675118.06	17.22	First Wft Svy
1024.00	1.07	18.21	1023.97	6.73	2.10	-6.73	0.40	424495.93	675118.50	2.79	
1119.00	0.38	327.46	1118.96	7.84	2.21	-7.83	0.93	424497.04	675118.61	199.53	
1214.00	0.70	315.92	1213.95	8.52	1.64	-8.52	0.35	424497.72	675118.04	335.40	
1308.00	0.89	313.30	1307.95	9.44	0.71	-9.43	0.21	424498.64	675117.11	347.86	
1403.00	0.16	253.18	1402.94	9.90	0.04	-9.90	0.87	424499.10	675116.44	189.72	
1498.00	0.50	207.93	1497.94	9.50	-0.28	-9.50	0.42	424498.70	675116.12	298.40	
1593.00	0.58	216.15	1592.94	8.74	-0.76	-8.75	0.12	424497.94	675115.64	48.24	
1689.00	0.60	209.66	1688.93	7.92	-1.29	-7.92	0.07	424497.12	675115.11	283.40	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Pushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (#/100 US ft)	Northing (US ft)	Easting (US ft)	T.Face (°)	Comment
1784.00	0.75	212.71	1783.92	6.96	-1.87	-6.96	0.16	424496.16	675114.53	15.00	
1879.00	0.84	215.70	1878.91	5.87	-2.62	-5.88	0.10	424495.07	675113.78	26.25	
1974.00	1.10	215.04	1973.90	4.56	-3.55	-4.57	0.27	424493.76	675112.85	357.21	
2069.00	1.43	219.73	2068.88	2.90	-4.83	-2.91	0.36	424492.10	675111.57	19.77	
2165.00	1.82	249.23	2164.84	1.44	-7.02	-1.46	0.95	424490.64	675109.38	80.24	
2260.00	2.02	254.85	2259.79	0.47	-10.05	-0.49	0.29	424489.67	675106.35	46.10	
2355.00	1.57	292.19	2354.74	0.52	-12.87	-0.55	1.29	424489.72	675103.53	129.02	
2450.00	0.85	338.88	2449.72	1.67	-14.33	-1.71	1.23	424490.87	675102.07	147.92	
2545.00	0.80	14.01	2544.71	2.97	-14.42	-3.01	0.53	424492.17	675101.98	113.03	
2640.00	0.60	41.00	2639.71	3.99	-13.93	-4.03	0.40	424493.19	675102.47	134.26	
2735.00	0.56	35.06	2734.70	4.74	-13.34	-4.78	0.08	424493.94	675103.06	233.42	
2830.00	0.53	41.59	2829.70	5.45	-12.78	-5.49	0.07	424494.65	675103.62	119.02	
2925.00	0.55	36.28	2924.69	6.15	-12.22	-6.18	0.06	424495.35	675104.18	289.11	
3020.00	0.45	50.67	3019.69	6.75	-11.66	-6.78	0.17	424495.95	675104.74	135.58	
3116.00	0.47	48.89	3115.69	7.25	-11.07	-7.28	0.03	424496.45	675105.33	323.56	
3211.00	0.70	53.71	3210.68	7.85	-10.31	-7.88	0.25	424497.05	675106.09	14.49	
3306.00	0.78	58.14	3305.67	8.54	-9.29	-8.56	0.10	424497.74	675107.11	37.80	
3401.00	0.65	52.55	3400.67	9.20	-8.32	-9.23	0.16	424498.40	675108.08	205.44	
3496.00	0.56	35.70	3495.66	9.91	-7.62	-9.93	0.21	424499.11	675108.78	234.91	
3590.00	0.60	38.86	3589.66	10.67	-7.04	-10.68	0.05	424499.87	675109.36	40.24	
3685.00	0.66	70.83	3684.65	11.23	-6.21	-11.25	0.37	424500.43	675110.19	96.55	
3780.00	0.91	72.30	3779.64	11.64	-4.98	-11.65	0.26	424500.84	675111.42	5.34	
3875.00	1.09	120.53	3874.63	11.41	-3.48	-11.42	0.88	424500.61	675112.92	102.74	
3970.00	0.77	170.52	3969.62	10.32	-2.60	-10.33	0.88	424499.52	675113.80	135.25	
4065.00	1.07	164.10	4064.61	8.84	-2.25	-8.85	0.33	424498.04	675114.15	337.81	
4160.00	1.42	160.45	4159.58	6.88	-1.61	-6.88	0.38	424496.08	675114.79	345.40	
4255.00	1.17	173.05	4254.56	4.81	-1.10	-4.81	0.40	424494.01	675115.30	137.46	
4275.00	1.24	170.87	4274.55	4.39	-1.04	-4.39	0.42	424493.59	675115.36	325.69	
4386.00	1.14	175.88	4385.53	2.10	-0.77	-2.10	0.13	424491.30	675115.63	136.35	
4481.00	1.05	165.96	4480.51	0.32	-0.49	-0.32	0.22	424489.52	675115.91	239.70	
4575.00	1.05	173.44	4574.50	-1.38	-0.19	1.38	0.15	424487.82	675116.21	93.74	
4670.00	1.11	170.78	4669.48	-3.15	0.06	3.15	0.08	424486.05	675116.46	318.78	
4765.00	1.25	169.86	4764.46	-5.08	0.39	5.08	0.15	424484.12	675116.79	351.83	
4860.00	0.63	169.39	4859.45	-6.61	0.67	6.61	0.65	424482.59	675117.07	180.48	
4955.00	0.66	154.45	4954.44	-7.62	1.00	7.62	0.18	424481.58	675117.40	272.59	
5050.00	0.66	152.78	5049.44	-8.60	1.49	8.60	0.02	424480.60	675117.89	269.17	
5145.00	0.70	154.22	5144.43	-9.61	1.99	9.61	0.05	424479.59	675118.39	23.86	
5240.00	0.82	157.38	5239.42	-10.76	2.51	10.76	0.13	424478.44	675118.91	20.84	
5335.00	1.48	161.16	5334.40	-12.55	3.16	12.55	0.70	424476.65	675119.56	8.45	
5430.00	1.09	177.80	5429.38	-14.61	3.59	14.62	0.56	424474.59	675119.99	144.38	
5525.00	0.91	181.82	5524.36	-16.27	3.60	16.28	0.20	424472.93	675120.00	160.71	
5620.00	1.01	326.22	5619.36	-16.32	3.11	16.33	1.92	424472.88	675119.51	161.24	
5715.00	1.32	331.51	5714.34	-14.67	2.13	14.67	0.35	424474.53	675118.53	21.79	
5809.00	1.31	333.33	5808.31	-12.76	1.13	12.76	0.05	424476.44	675117.53	104.37	
5904.00	1.24	329.44	5903.29	-10.90	0.12	10.90	0.12	424478.30	675116.52	229.10	
5999.00	1.14	329.27	5998.27	-9.20	-0.89	9.20	0.11	424480.00	675115.51	181.94	
6094.00	1.05	318.55	6093.25	-7.74	-1.95	7.73	0.24	424481.46	675114.45	240.99	
6189.00	1.03	313.50	6188.24	-6.50	-3.14	6.49	0.10	424482.70	675113.26	255.17	
6284.00	1.07	309.45	6283.22	-5.35	-4.45	5.33	0.09	424483.85	675111.95	296.29	
6379.00	0.99	317.82	6378.20	-4.17	-5.68	4.16	0.18	424485.03	675110.72	122.14	
6474.00	0.93	313.71	6473.19	-3.03	-6.79	3.02	0.10	424486.17	675109.61	226.89	
6568.00	0.95	318.08	6567.18	-1.93	-7.86	1.91	0.08	424487.27	675108.54	76.60	
6663.00	0.85	315.87	6662.17	-0.83	-8.88	0.81	0.11	424488.37	675107.52	198.04	
6758.00	0.78	335.98	6757.16	0.26	-9.63	-0.29	0.31	424489.46	675106.77	113.67	
6853.00	0.89	318.86	6852.15	1.41	-10.38	-1.44	0.29	424490.61	675106.02	285.08	
6948.00	0.84	323.96	6947.14	2.53	-11.28	-2.56	0.10	424491.73	675105.12	125.53	
7043.00	0.91	313.62	7042.13	3.61	-12.23	-3.64	0.18	424492.81	675104.17	288.68	
7138.00	0.77	311.70	7137.12	4.56	-13.26	-4.59	0.15	424493.76	675103.14	190.41	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
MD (USft)	Inc (°)	Az (°)	TVD (USft)	N.Offset (USft)	E.Offset (USft)	VS (USft)	DIS (ft/100USft)	Northing (USft)	Easting (USft)	True (°)	Comment
7233.00	0.74	300.51	7232.11	5.29	-14.26	-5.33	0.16	424494.49	675102.14	252.94	
7329.00	0.74	292.54	7328.10	5.84	-15.37	-5.88	0.11	424495.04	675101.03	266.02	
7424.00	0.73	294.81	7423.09	6.33	-16.48	-6.38	0.03	424495.53	675099.92	110.09	
7519.00	0.60	217.48	7518.09	6.19	-17.33	-6.24	0.88	424495.39	675099.07	224.37	
7614.00	0.63	212.68	7613.08	5.36	-17.92	-5.41	0.06	424494.56	675098.48	297.80	
7709.00	0.60	179.83	7708.08	4.42	-18.20	-4.47	0.37	424493.62	675098.20	248.85	
7804.00	0.69	172.93	7803.07	3.36	-18.13	-3.40	0.12	424492.56	675098.27	315.72	
7899.00	0.71	171.67	7898.06	2.21	-17.97	-2.25	0.03	424491.41	675098.43	321.78	
7994.00	0.71	184.59	7993.06	1.04	-17.93	-1.08	0.17	424490.24	675098.47	96.46	
8184.00	0.74	191.60	8183.04	-1.34	-18.28	1.29	0.05	424487.86	675098.12	74.84	
8375.00	0.42	188.64	8374.03	-3.24	-18.63	3.19	0.17	424485.96	675097.77	183.87	
8470.00	0.22	214.10	8469.03	-3.73	-18.78	3.68	0.25	424485.47	675097.62	156.87	
8565.00	0.73	266.58	8564.03	-3.92	-19.49	3.87	0.65	424485.28	675096.91	68.80	
8660.00	1.09	279.51	8659.01	-3.81	-20.98	3.75	0.43	424485.39	675095.42	36.27	
8755.00	0.85	246.54	8754.00	-3.94	-22.52	3.88	0.63	424485.26	675093.88	230.83	
8849.00	0.25	155.58	8848.00	-4.40	-23.08	4.34	0.95	424484.80	675093.32	196.31	
8943.00	0.70	49.72	8941.99	-4.22	-22.55	4.16	0.86	424484.98	675093.85	236.76	
9038.00	1.11	42.09	9036.98	-3.16	-21.49	3.10	0.45	424486.04	675094.91	339.78	
9133.00	1.13	60.27	9131.96	-2.01	-20.06	1.96	0.37	424487.19	675096.34	95.89	
9228.00	1.63	76.38	9226.94	-1.23	-17.94	1.18	0.66	424487.97	675098.46	46.05	
9318.00	1.81	76.25	9316.90	-0.59	-15.31	0.55	0.20	424488.61	675101.09	358.69	
9414.00	1.85	74.87	9412.85	0.17	-12.34	-0.21	0.06	424489.37	675104.06	311.54	
9509.00	1.96	74.16	9507.80	1.02	-9.30	-1.04	0.12	424490.22	675107.10	347.54	
9602.00	1.77	70.15	9600.75	1.94	-6.42	-1.96	0.25	424491.14	675109.98	212.49	Last Wft Svy
9662.00	1.70	68.45	9660.72	2.58	-4.72	-2.59	0.14	424491.78	675111.68	215.48	Projection; 7 in
9700.00	1.70	68.45	9698.70	2.99	-3.67	-3.00	0.00	424492.19	675112.73	0.00	
9731.02	1.70	68.45	9729.71	3.33	-2.82	-3.34	0.00	424492.53	675113.58	0.00	KOP
9800.00	5.80	164.18	9798.56	0.35	-0.91	-0.35	9.00	424489.55	675115.49	111.48	
9900.00	14.67	173.89	9896.88	-17.14	1.82	17.15	9.00	424472.06	675118.22	15.84	
10000.00	23.64	176.32	9991.25	-49.80	4.46	49.81	9.00	424439.40	675120.86	6.26	
10100.00	32.62	177.47	10079.35	-96.83	6.94	96.85	9.00	424392.37	675123.34	3.95	
10200.00	41.61	178.16	10159.01	-157.07	9.20	157.09	9.00	424332.13	675125.60	2.94	
10300.00	50.60	178.64	10228.27	-229.03	11.19	229.06	9.00	424260.17	675127.59	2.38	
10400.00	59.60	179.01	10285.43	-310.94	12.85	310.98	9.00	424178.26	675129.25	2.05	
10500.00	68.59	179.32	10329.07	-400.79	14.14	400.83	9.00	424088.41	675130.54	1.83	
10600.00	77.59	179.59	10358.12	-496.37	15.04	496.41	9.00	423992.83	675131.44	1.70	
10700.00	86.59	179.85	10371.87	-595.31	15.52	595.35	9.00	423893.89	675131.92	1.62	
10736.98	89.91	179.94	10373.00	-632.27	15.59	632.31	9.00	423856.93	675131.99	1.58	LP
10800.00	89.91	179.94	10373.10	-695.29	15.66	695.33	0.00	423793.91	675132.06	0.00	
10900.00	89.91	179.94	10373.25	-795.29	15.76	795.33	0.00	423693.91	675132.16	0.00	
11000.00	89.91	179.94	10373.40	-895.29	15.87	895.33	0.00	423593.91	675132.27	0.00	
11100.00	89.91	179.94	10373.55	-995.29	15.97	995.33	0.00	423493.91	675132.37	0.00	
11200.00	89.91	179.94	10373.70	-1095.29	16.08	1095.33	0.00	423393.91	675132.48	0.00	
11300.00	89.91	179.94	10373.85	-1195.29	16.19	1195.33	0.00	423293.91	675132.59	0.00	
11400.00	89.91	179.94	10374.00	-1295.29	16.29	1295.33	0.00	423193.91	675132.69	0.00	
11500.00	89.91	179.94	10374.15	-1395.29	16.40	1395.33	0.00	423093.91	675132.80	0.00	
11600.00	89.91	179.94	10374.30	-1495.29	16.50	1495.33	0.00	422993.91	675132.90	0.00	
11700.00	89.91	179.94	10374.45	-1595.29	16.61	1595.33	0.00	422893.91	675133.01	0.00	
11800.00	89.91	179.94	10374.60	-1695.29	16.71	1695.33	0.00	422793.91	675133.11	0.00	
11900.00	89.91	179.94	10374.75	-1795.29	16.82	1795.33	0.00	422693.91	675133.22	0.00	
12000.00	89.91	179.94	10374.90	-1895.29	16.92	1895.33	0.00	422593.91	675133.32	0.00	
12100.00	89.91	179.94	10375.05	-1995.29	17.03	1995.33	0.00	422493.91	675133.43	0.00	
12200.00	89.91	179.94	10375.20	-2095.29	17.13	2095.33	0.00	422393.91	675133.53	0.00	
12300.00	89.91	179.94	10375.35	-2195.29	17.24	2195.33	0.00	422293.91	675133.64	0.00	
12400.00	89.91	179.94	10375.50	-2295.29	17.35	2295.33	0.00	422193.91	675133.75	0.00	
12500.00	89.91	179.94	10375.65	-2395.29	17.45	2395.33	0.00	422093.91	675133.85	0.00	
12600.00	89.91	179.94	10375.81	-2495.29	17.56	2495.33	0.00	421993.91	675133.96	0.00	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Dushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N Offset (US ft)	E Offset (US ft)	VS (US ft)	DIS (ft/100 US ft)	Northing (US ft)	Easting (US ft)	T. Face (°)	Comment
12700.00	89.91	179.94	10375.96	-2595.29	17.66	2595.33	0.00	421893.91	675134.06	0.00	
12800.00	89.91	179.94	10376.11	-2695.29	17.77	2695.33	0.00	421793.91	675134.17	0.00	
12900.00	89.91	179.94	10376.26	-2795.29	17.87	2795.33	0.00	421693.91	675134.27	0.00	
13000.00	89.91	179.94	10376.41	-2895.29	17.98	2895.33	0.00	421593.91	675134.38	0.00	
13100.00	89.91	179.94	10376.56	-2995.29	18.08	2995.33	0.00	421493.91	675134.48	0.00	
13200.00	89.91	179.94	10376.71	-3095.29	18.19	3095.32	0.00	421393.91	675134.59	0.00	
13300.00	89.91	179.94	10376.86	-3195.29	18.30	3195.32	0.00	421293.91	675134.70	0.00	
13400.00	89.91	179.94	10377.01	-3295.29	18.40	3295.32	0.00	421193.91	675134.80	0.00	
13500.00	89.91	179.94	10377.16	-3395.29	18.51	3395.32	0.00	421093.91	675134.91	0.00	
13600.00	89.91	179.94	10377.31	-3495.29	18.61	3495.32	0.00	420993.91	675135.01	0.00	
13700.00	89.91	179.94	10377.46	-3595.29	18.72	3595.32	0.00	420893.91	675135.12	0.00	
13800.00	89.91	179.94	10377.61	-3695.29	18.82	3695.32	0.00	420793.91	675135.22	0.00	
13900.00	89.91	179.94	10377.76	-3795.29	18.93	3795.32	0.00	420693.91	675135.33	0.00	
14000.00	89.91	179.94	10377.91	-3895.29	19.03	3895.32	0.00	420593.91	675135.43	0.00	
14100.00	89.91	179.94	10378.06	-3995.29	19.14	3995.32	0.00	420493.91	675135.54	0.00	
14200.00	89.91	179.94	10378.21	-4095.29	19.24	4095.32	0.00	420393.91	675135.64	0.00	
14300.00	89.91	179.94	10378.36	-4195.29	19.35	4195.32	0.00	420293.91	675135.75	0.00	
14400.00	89.91	179.94	10378.52	-4295.29	19.46	4295.32	0.00	420193.91	675135.86	0.00	
14500.00	89.91	179.94	10378.67	-4395.29	19.56	4395.32	0.00	420093.91	675135.96	0.00	
14600.00	89.91	179.94	10378.82	-4495.29	19.67	4495.32	0.00	419993.91	675136.07	0.00	
14700.00	89.91	179.94	10378.97	-4595.29	19.77	4595.32	0.00	419893.91	675136.17	0.00	
14800.00	89.91	179.94	10379.12	-4695.29	19.88	4695.32	0.00	419793.91	675136.28	0.00	
14900.00	89.91	179.94	10379.27	-4795.28	19.98	4795.32	0.00	419693.92	675136.38	0.00	
15000.00	89.91	179.94	10379.42	-4895.28	20.09	4895.32	0.00	419593.92	675136.49	0.00	
15100.00	89.91	179.94	10379.57	-4995.28	20.19	4995.32	0.00	419493.92	675136.59	0.00	
15200.00	89.91	179.94	10379.72	-5095.28	20.30	5095.32	0.00	419393.92	675136.70	0.00	
15300.00	89.91	179.94	10379.87	-5195.28	20.40	5195.32	0.00	419293.92	675136.80	0.00	
15400.00	89.91	179.94	10380.02	-5295.28	20.51	5295.32	0.00	419193.92	675136.91	0.00	
15500.00	89.91	179.94	10380.17	-5395.28	20.62	5395.32	0.00	419093.92	675137.02	0.00	
15600.00	89.91	179.94	10380.32	-5495.28	20.72	5495.32	0.00	418993.92	675137.12	0.00	
15700.00	89.91	179.94	10380.47	-5595.28	20.83	5595.32	0.00	418893.92	675137.23	0.00	
15800.00	89.91	179.94	10380.62	-5695.28	20.93	5695.32	0.00	418793.92	675137.33	0.00	
15900.00	89.91	179.94	10380.77	-5795.28	21.04	5795.32	0.00	418693.92	675137.44	0.00	
16000.00	89.91	179.94	10380.92	-5895.28	21.14	5895.32	0.00	418593.92	675137.54	0.00	
16100.00	89.91	179.94	10381.07	-5995.28	21.25	5995.32	0.00	418493.92	675137.65	0.00	
16200.00	89.91	179.94	10381.22	-6095.28	21.35	6095.32	0.00	418393.92	675137.75	0.00	
16300.00	89.91	179.94	10381.38	-6195.28	21.46	6195.32	0.00	418293.92	675137.86	0.00	
16400.00	89.91	179.94	10381.53	-6295.28	21.56	6295.32	0.00	418193.92	675137.96	0.00	
16500.00	89.91	179.94	10381.68	-6395.28	21.67	6395.32	0.00	418093.92	675138.07	0.00	
16600.00	89.91	179.94	10381.83	-6495.28	21.78	6495.32	0.00	417993.92	675138.18	0.00	
16700.00	89.91	179.94	10381.98	-6595.28	21.88	6595.32	0.00	417893.92	675138.28	0.00	
16800.00	89.91	179.94	10382.13	-6695.28	21.99	6695.32	0.00	417793.92	675138.39	0.00	
16900.00	89.91	179.94	10382.28	-6795.28	22.09	6795.32	0.00	417693.92	675138.49	0.00	
17000.00	89.91	179.94	10382.43	-6895.28	22.20	6895.32	0.00	417593.92	675138.60	0.00	
17100.00	89.91	179.94	10382.58	-6995.28	22.30	6995.32	0.00	417493.92	675138.70	0.00	
17200.00	89.91	179.94	10382.73	-7095.28	22.41	7095.32	0.00	417393.92	675138.81	0.00	
17300.00	89.91	179.94	10382.88	-7195.28	22.51	7195.32	0.00	417293.92	675138.91	0.00	
17400.00	89.91	179.94	10383.03	-7295.28	22.62	7295.31	0.00	417193.92	675139.02	0.00	
17500.00	89.91	179.94	10383.18	-7395.28	22.72	7395.31	0.00	417093.92	675139.12	0.00	
17600.00	89.91	179.94	10383.33	-7495.28	22.83	7495.31	0.00	416993.92	675139.23	0.00	
17700.00	89.91	179.94	10383.48	-7595.28	22.94	7595.31	0.00	416893.92	675139.34	0.00	
17800.00	89.91	179.94	10383.63	-7695.28	23.04	7695.31	0.00	416793.92	675139.44	0.00	
17900.00	89.91	179.94	10383.78	-7795.28	23.15	7795.31	0.00	416693.92	675139.55	0.00	
18000.00	89.91	179.94	10383.93	-7895.28	23.25	7895.31	0.00	416593.92	675139.65	0.00	
18100.00	89.91	179.94	10384.08	-7995.28	23.36	7995.31	0.00	416493.92	675139.76	0.00	
18200.00	89.91	179.94	10384.24	-8095.28	23.46	8095.31	0.00	416393.92	675139.86	0.00	
18300.00	89.91	179.94	10384.39	-8195.28	23.57	8195.31	0.00	416293.92	675139.97	0.00	
18400.00	89.91	179.94	10384.54	-8295.28	23.67	8295.31	0.00	416193.92	675140.07	0.00	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N Offset (US ft)	E Offset (US ft)	VS (US ft)	DLS (%/100 US ft)	Northing (US ft)	Easting (US ft)	Tr Face (°)	Comment
18500.00	89.91	179.94	10384.69	-8395.28	23.78	8395.31	0.00	416093.92	675140.18	0.00	
18600.00	89.91	179.94	10384.84	-8495.28	23.88	8495.31	0.00	415993.92	675140.28	0.00	
18700.00	89.91	179.94	10384.99	-8595.28	23.99	8595.31	0.00	415893.92	675140.39	0.00	
18800.00	89.91	179.94	10385.14	-8695.28	24.10	8695.31	0.00	415793.92	675140.50	0.00	
18900.00	89.91	179.94	10385.29	-8795.28	24.20	8795.31	0.00	415693.92	675140.60	0.00	
19000.00	89.91	179.94	10385.44	-8895.28	24.31	8895.31	0.00	415593.92	675140.71	0.00	
19100.00	89.91	179.94	10385.59	-8995.28	24.41	8995.31	0.00	415493.92	675140.81	0.00	
19200.00	89.91	179.94	10385.74	-9095.28	24.52	9095.31	0.00	415393.92	675140.92	0.00	
19300.00	89.91	179.94	10385.89	-9195.28	24.62	9195.31	0.00	415293.92	675141.02	0.00	
19400.00	89.91	179.94	10386.04	-9295.28	24.73	9295.31	0.00	415193.92	675141.13	0.00	
19500.00	89.91	179.94	10386.19	-9395.28	24.83	9395.31	0.00	415093.92	675141.23	0.00	
19600.00	89.91	179.94	10386.34	-9495.28	24.94	9495.31	0.00	414993.92	675141.34	0.00	
19700.00	89.91	179.94	10386.49	-9595.28	25.05	9595.31	0.00	414893.92	675141.45	0.00	
19800.00	89.91	179.94	10386.64	-9695.28	25.15	9695.31	0.00	414793.92	675141.55	0.00	
19900.00	89.91	179.94	10386.79	-9795.28	25.26	9795.31	0.00	414693.92	675141.66	0.00	
20000.00	89.91	179.94	10386.95	-9895.28	25.36	9895.31	0.00	414593.92	675141.76	0.00	
20036.52	89.91	179.94	10387.00	-9931.80	25.40	9931.83	0.00	414557.40	675141.80	0.00	PBHL



Weatherford®

Weatherford Drilling Services

GeoDec4 v2.0.0.3

Report Date: July 03, 2014

Job Number: _____

Customer: BOPCO

Well Name: PLU CVX JV BS #030H

API Number: _____

Rig Name: _____

Location: Eddy Co, NM Nad27 NME

Block: _____

Engineer: RWJ

NAD27 / New Mexico East

Projected Coordinate System

Datum: North American Datum 1927

Ellipsoid: Clarke 1866

EPSG: 32012

North: 424489.20 US Survey Foot

East: 675116.40 US Survey Foot

Convergence: 0.30°

Declination: 7.42°

Total Correction: 7.12°

Datum Transformation: none

NAD27

Geodetic Coordinate System

Datum: North American Datum 1927

Ellipsoid: Clarke 1866

EPSG: 4267

Latitude: 32.165772 Degree

Longitude: -103.767416 Degree

Geodetic Location WGS84

MSL Elevation = 0 m

Latitude = 32° 09' 56.78" N

Longitude = 103° 46' 02.70" W

Magnetic Declination = 7.42 deg

[True North Offset]

Local Gravity = .9988 g

Checksum = 6439

Local Field Strength = 48253 nT

Magnetic Vector X = 23920 nT

Magnetic Dip = 60.01 deg

Magnetic Vector Y = 3114 nT

Magnetic Model = bggm2013.bgs

Magnetic Vector Z = 41791 nT

Run Date = July 04, 2014

Magnetic Vector H = 24122 nT

Signed: _____

Date: _____

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5D Anti-Collision Report**BOPCO, L.P.****Field Name:** *Eddy Co, NM Nad27 NMEZ***Site Name:** *Poker Lake Unit CVX JV BS #027, 030H Pad***Well Name:** *Poker Lake Unit CVX JV BS #030H*

28 July 2014

**Weatherford®**

Poker Lake Unit CVX JV BS #030H

Field Name Eddy Co, NM Nad27 NMEZ	Map Units : US ft		Company Name : BOPCO, L.P.	
	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : NAD27 / New Mexico East			
	Comment :			
Site Name Poker Lake Unit CVX JV BS #027, 030H Pad	Units : US ft	North Reference : Grid	Convergence Angle : 0.30	
	Position	Northing : 424489.10 US ft	Latitude : 32° 9' 56.78"	
		Easting : 675156.40 US ft	Longitude : -103° 46' 2.23"	
	Elevation above Mean Sea Level: 3453.00 US ft			
Comment :				

Slot Name Poker Lake Unit CVX JV BS #030H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.10 US ft	Northing : 424489.20 US ft	Latitude : 32° 9' 56.78"	
	+E / -W : -40.00 US ft	Easting : 675116.40 US ft	Longitude : -103° 46' 2.70"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3452.00 US ft				
Comment :				

Well Name Poker Lake Unit CVX JV BS #030H	Type : Main well.	UWI :	Plan : Working Plan	
	Rig Height Kelly Bushing : 22.00 US ft	Comment :		
	Relative to Mean Sea Level: 3474.00 US ft			
	Closure Distance : 9931.83 US ft	Closure Azimuth : 179.853°		
Vertical Section (Position of Origin Relative to Slot)				
+N / -S : 0.00 US ft +E / -W : 0.00 US ft Az : 179.85°				
Magnetic Parameters				
Model : Default	Field Strength : 50000.0nT	Dec : 0.00°	Dip : 0.00°	Date : 16/Apr/2014

Collision / Uncertainty Analysis				
Primary Well	Start MD (US ft)	End MD (US ft)	Collision Risk Interval	No. of Std Deviations in Error Computation
Poker Lake Unit CVX JV BS #030H (p)	0.00	22000.00	30.00	2

Secondary Well Names
Poker Lake Unit CVX JV BS #027H (s)
Poker Lake Unit #067H (s)

Anti-Collision Report Terminology:

S.Minor, S.Major : Radii of the ellipse of uncertainty at the current location as seen in the along hole direction.

PHI : Angle between high-side vector and semi-minor axis

TVD Spread : Total TVD range of the ellipsoid of uncertainty at the current location

ES : Distance between the extremities of the primary and secondary uncertainty ellipsoids in the direction Cr-Cr

T.Face to Sec : Angle between the Hi-Side vector of the primary well at the current location and line of closest approach between the two wells

AG Filter Info: The following filter(s) have been applied: Depth Range.

Separation factors calculated using Pedal Curve (Independent Uncertainty) Well path created using minimum curvature.

5D Anti-Collision Report

Anti-Collision Proximity Summary (TVD relative to Kelly Bushing)

Secondary Well Name	Prim MD (US ft)	Sec MD (US ft)	TVD (US ft)	CC (US ft)	ES (US ft)	SF	Risk
Poker Lake Unit #067H (s)	13159.92	10350.78	10376.65	143.94	66.35	1.86	SF (Lo)
Poker Lake Unit CVX JV BS #027H (s)	9804.84	9803.27	9803.38	83.82	50.63	2.53	

Primary Well: Poker Lake Unit CVX JV BS #027H (s) (TVD relative to Kelly Bushing; All Azimuth Relative to Grid North)

MD (US ft)	TVD (US ft)	S.Major (US ft)	S.Minor (US ft)	Nearest Well	CC (US ft)	SF	ES (US ft)	T.Face to Sec (s)	Risk
0.00	0.00	0.00	0.00	Poker Lake Unit CVX JV BS #027H (s)	40.00	53.15	39.25	90.14	
30.00	30.00	0.19	0.19	Poker Lake Unit CVX JV BS #027H (s)	40.00	26.06	38.46	72.93	
60.00	60.00	0.27	0.27	Poker Lake Unit CVX JV BS #027H (s)	39.99	20.99	38.09	72.95	
90.00	90.00	0.33	0.33	Poker Lake Unit CVX JV BS #027H (s)	39.99	18.25	37.80	72.99	
120.00	120.00	0.38	0.38	Poker Lake Unit CVX JV BS #027H (s)	39.98	16.44	37.55	73.05	
150.00	150.00	0.42	0.42	Poker Lake Unit CVX JV BS #027H (s)	39.97	15.12	37.32	73.12	
180.00	180.00	0.46	0.46	Poker Lake Unit CVX JV BS #027H (s)	39.95	14.09	37.12	73.21	
210.00	210.00	0.50	0.50	Poker Lake Unit CVX JV BS #027H (s)	39.94	13.26	36.92	73.31	
240.00	240.00	0.53	0.53	Poker Lake Unit CVX JV BS #027H (s)	39.92	12.57	36.74	73.43	
270.00	270.00	0.56	0.56	Poker Lake Unit CVX JV BS #027H (s)	39.90	11.98	36.57	73.56	
300.00	300.00	0.60	0.59	Poker Lake Unit CVX JV BS #027H (s)	39.87	11.47	36.40	73.71	
330.00	330.00	0.62	0.62	Poker Lake Unit CVX JV BS #027H (s)	39.85	11.02	36.23	73.88	
360.00	360.00	0.65	0.65	Poker Lake Unit CVX JV BS #027H (s)	39.82	10.62	36.07	74.06	
390.00	390.00	0.68	0.68	Poker Lake Unit CVX JV BS #027H (s)	39.79	10.27	35.91	74.26	
420.00	420.00	0.70	0.70	Poker Lake Unit CVX JV BS #027H (s)	39.76	9.95	35.76	74.47	
450.00	450.00	0.73	0.73	Poker Lake Unit CVX JV BS #027H (s)	39.72	9.66	35.61	74.70	
480.00	480.00	0.75	0.75	Poker Lake Unit CVX JV BS #027H (s)	39.69	9.39	35.46	74.95	
510.00	510.00	0.78	0.77	Poker Lake Unit CVX JV BS #027H (s)	39.65	9.15	35.32	75.21	
540.00	540.00	0.80	0.80	Poker Lake Unit CVX JV BS #027H (s)	39.61	8.91	35.17	75.49	
570.00	569.99	0.82	0.82	Poker Lake Unit CVX JV BS #027H (s)	39.57	8.70	35.02	75.79	
600.00	599.99	0.84	0.84	Poker Lake Unit CVX JV BS #027H (s)	39.53	8.49	34.88	76.10	
630.00	629.99	0.86	0.86	Poker Lake Unit CVX JV BS #027H (s)	39.49	8.31	34.74	76.44	

5D Anti-Collision Report

Primary Wells - Poker Lake Unit CVX JV BS #027H (P) (WVD Relative to Kelly Bushing / All / 1 month Relative to GRID NORTH)									
MD (USft)	TVD (USft)	S.Major (USft)	S.Minor (USft)	Nearest Well	CC (USft)	SP	ES (USft)	T Face to Sec (°)	Risk
660.00	659.99	0.88	0.88	Poker Lake Unit CVX JV BS #027H (s)	39.45	8.13	34.60	76.78	
690.00	689.99	0.90	0.90	Poker Lake Unit CVX JV BS #027H (s)	39.41	7.96	34.46	77.15	
720.00	719.99	0.92	0.92	Poker Lake Unit CVX JV BS #027H (s)	39.37	7.80	34.32	77.53	
750.00	749.99	0.94	0.94	Poker Lake Unit CVX JV BS #027H (s)	39.33	7.65	34.19	77.92	
780.00	779.99	0.96	0.96	Poker Lake Unit CVX JV BS #027H (s)	39.29	7.51	34.06	78.34	
810.00	809.99	0.98	0.98	Poker Lake Unit CVX JV BS #027H (s)	39.24	7.38	33.93	78.77	
840.00	839.98	1.00	0.99	Poker Lake Unit CVX JV BS #027H (s)	39.20	7.25	33.80	79.22	
870.00	869.98	1.01	1.01	Poker Lake Unit CVX JV BS #027H (s)	39.17	7.13	33.68	79.69	
900.00	899.98	1.03	1.03	Poker Lake Unit CVX JV BS #027H (s)	39.13	7.02	33.55	80.17	
929.00	928.98	1.05	1.04	Poker Lake Unit CVX JV BS #027H (s)	39.09	6.92	33.44	80.66	
930.00	929.98	1.05	1.05	Poker Lake Unit CVX JV BS #027H (s)	39.09	6.91	33.43	80.66	
960.00	959.97	1.12	1.12	Poker Lake Unit CVX JV BS #027H (s)	39.05	6.74	33.26	80.81	
990.00	989.97	1.19	1.19	Poker Lake Unit CVX JV BS #027H (s)	39.00	6.59	33.08	81.15	
1020.00	1019.97	1.25	1.25	Poker Lake Unit CVX JV BS #027H (s)	38.95	6.44	32.91	81.66	
1024.00	1023.97	1.26	1.26	Poker Lake Unit CVX JV BS #027H (s)	38.94	6.43	32.88	81.74	
1050.00	1049.96	1.32	1.31	Poker Lake Unit CVX JV BS #027H (s)	38.92	6.31	32.76	87.82	
1080.00	1079.96	1.38	1.37	Poker Lake Unit CVX JV BS #027H (s)	38.97	6.21	32.69	99.52	
1110.00	1109.96	1.43	1.43	Poker Lake Unit CVX JV BS #027H (s)	39.08	6.11	32.69	123.11	
1119.00	1118.96	1.45	1.45	Poker Lake Unit CVX JV BS #027H (s)	39.13	6.09	32.70	134.06	
1140.00	1139.96	1.49	1.49	Poker Lake Unit CVX JV BS #027H (s)	39.26	6.03	32.74	138.16	
1170.00	1169.96	1.55	1.55	Poker Lake Unit CVX JV BS #027H (s)	39.49	5.96	32.86	142.29	
1200.00	1199.96	1.61	1.61	Poker Lake Unit CVX JV BS #027H (s)	39.77	5.90	33.03	145.23	
1214.00	1213.95	1.64	1.63	Poker Lake Unit CVX JV BS #027H (s)	39.92	5.88	33.13	146.34	
1230.00	1229.95	1.67	1.67	Poker Lake Unit CVX JV BS #027H (s)	40.10	5.85	33.25	147.02	
1260.00	1259.95	1.74	1.73	Poker Lake Unit CVX JV BS #027H (s)	40.47	5.80	33.50	148.20	
1290.00	1289.95	1.80	1.79	Poker Lake Unit CVX JV BS #027H (s)	40.87	5.76	33.78	149.27	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #027H (p) (TVD Relative to Kelly Bushing, All Azimuth Relative to GRID NORTH)								
MD (US ft)	TVD (US ft)	S.Major (US ft)	S.Minor (US ft)	Nearest Well	CG (US ft)	SP	ES (US ft)	T.Face to Sec. (°)
1308.00	1307.95	1.84	1.83	Poker Lake Unit CVX JV BS #027H (s)	41.13	5.74	33.96	149.86
1320.00	1319.94	1.86	1.86	Poker Lake Unit CVX JV BS #027H (s)	41.29	5.72	34.08	151.25
1350.00	1349.94	1.92	1.92	Poker Lake Unit CVX JV BS #027H (s)	41.63	5.68	34.30	156.74
1380.00	1379.94	1.98	1.98	Poker Lake Unit CVX JV BS #027H (s)	41.87	5.63	34.43	171.10
1403.00	1402.94	2.03	2.02	Poker Lake Unit CVX JV BS #027H (s)	41.98	5.58	34.46	210.33
1410.00	1409.94	2.04	2.03	Poker Lake Unit CVX JV BS #027H (s)	42.01	5.56	34.46	218.85
1440.00	1439.94	2.10	2.09	Poker Lake Unit CVX JV BS #027H (s)	42.11	5.50	34.45	240.66
1470.00	1469.94	2.15	2.15	Poker Lake Unit CVX JV BS #027H (s)	42.22	5.44	34.45	250.21
1498.00	1497.94	2.21	2.20	Poker Lake Unit CVX JV BS #027H (s)	42.32	5.38	34.45	254.87
1500.00	1499.94	2.21	2.21	Poker Lake Unit CVX JV BS #027H (s)	42.32	5.38	34.45	254.65
1530.00	1529.94	2.27	2.27	Poker Lake Unit CVX JV BS #027H (s)	42.44	5.32	34.46	251.43
1560.00	1559.94	2.33	2.33	Poker Lake Unit CVX JV BS #027H (s)	42.57	5.26	34.48	248.46
1590.00	1589.94	2.39	2.38	Poker Lake Unit CVX JV BS #027H (s)	42.73	5.21	34.53	245.71
1593.00	1592.94	2.39	2.39	Poker Lake Unit CVX JV BS #027H (s)	42.74	5.21	34.53	245.45
1620.00	1619.93	2.45	2.45	Poker Lake Unit CVX JV BS #027H (s)	42.89	5.16	34.58	246.96
1650.00	1649.93	2.51	2.51	Poker Lake Unit CVX JV BS #027H (s)	43.05	5.11	34.63	248.59
1680.00	1679.93	2.57	2.57	Poker Lake Unit CVX JV BS #027H (s)	43.20	5.06	34.67	250.18
1689.00	1688.93	2.59	2.58	Poker Lake Unit CVX JV BS #027H (s)	43.24	5.05	34.68	250.64
1710.00	1709.93	2.63	2.63	Poker Lake Unit CVX JV BS #027H (s)	43.35	5.02	34.71	249.54
1740.00	1739.93	2.69	2.69	Poker Lake Unit CVX JV BS #027H (s)	43.52	4.97	34.77	248.09
1770.00	1769.92	2.75	2.75	Poker Lake Unit CVX JV BS #027H (s)	43.70	4.93	34.85	246.75
1784.00	1783.92	2.78	2.78	Poker Lake Unit CVX JV BS #027H (s)	43.80	4.92	34.89	246.15
1800.00	1799.92	2.81	2.81	Poker Lake Unit CVX JV BS #027H (s)	43.91	4.90	34.94	245.33
1830.00	1829.92	2.87	2.87	Poker Lake Unit CVX JV BS #027H (s)	44.13	4.86	35.05	243.85
1860.00	1859.92	2.93	2.93	Poker Lake Unit CVX JV BS #027H (s)	44.37	4.83	35.18	242.43
1879.00	1878.91	2.97	2.97	Poker Lake Unit CVX JV BS #027H (s)	44.52	4.81	35.27	241.55

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (GVD Relative to Kelly Bushing / All Azimuth Relative to GRID NORTH)								
ID (US ft)	TVD (US ft)	S.Major (US ft)	S.Minor (US ft)	Nearest Well	CG (US ft)	SF	ES (US ft)	Trace to Sec (°)
1890.00	1889.91	3.00	2.99	Poker Lake Unit CVX JV BS #027H (s)	44.62	4.80	35.32	241.46
1920.00	1919.91	3.06	3.06	Poker Lake Unit CVX JV BS #027H (s)	44.90	4.78	35.50	241.13
1950.00	1949.90	3.12	3.12	Poker Lake Unit CVX JV BS #027H (s)	45.20	4.76	35.70	240.73
1974.00	1973.90	3.17	3.16	Poker Lake Unit CVX JV BS #027H (s)	45.46	4.74	35.88	240.36
1980.00	1979.90	3.18	3.18	Poker Lake Unit CVX JV BS #027H (s)	45.53	4.74	35.92	239.85
2010.00	2009.89	3.25	3.24	Poker Lake Unit CVX JV BS #027H (s)	45.90	4.73	36.19	237.48
2040.00	2039.89	3.31	3.30	Poker Lake Unit CVX JV BS #027H (s)	46.32	4.72	36.51	235.33
2069.00	2068.88	3.37	3.37	Poker Lake Unit CVX JV BS #027H (s)	46.78	4.72	36.88	233.44
2070.00	2069.88	3.37	3.37	Poker Lake Unit CVX JV BS #027H (s)	46.80	4.72	36.89	233.04
2100.00	2099.87	3.44	3.44	Poker Lake Unit CVX JV BS #027H (s)	47.37	4.73	37.36	221.64
2130.00	2129.86	3.50	3.50	Poker Lake Unit CVX JV BS #027H (s)	48.09	4.75	37.96	211.67
2160.00	2159.84	3.56	3.56	Poker Lake Unit CVX JV BS #027H (s)	48.94	4.78	38.70	203.28
2165.00	2164.84	3.57	3.57	Poker Lake Unit CVX JV BS #027H (s)	49.09	4.79	38.83	202.03
2190.00	2189.83	3.63	3.62	Poker Lake Unit CVX JV BS #027H (s)	49.89	4.82	39.54	200.09
2220.00	2219.81	3.70	3.68	Poker Lake Unit CVX JV BS #027H (s)	50.89	4.87	40.44	197.90
2250.00	2249.79	3.76	3.75	Poker Lake Unit CVX JV BS #027H (s)	51.93	4.92	41.37	195.87
2260.00	2259.79	3.78	3.77	Poker Lake Unit CVX JV BS #027H (s)	52.29	4.94	41.70	195.22
2280.00	2279.78	3.83	3.81	Poker Lake Unit CVX JV BS #027H (s)	52.99	4.96	42.32	188.89
2310.00	2309.76	3.89	3.88	Poker Lake Unit CVX JV BS #027H (s)	53.98	5.01	43.20	177.72
2340.00	2339.75	3.95	3.95	Poker Lake Unit CVX JV BS #027H (s)	54.88	5.04	44.00	164.74
2355.00	2354.74	3.99	3.98	Poker Lake Unit CVX JV BS #027H (s)	55.30	5.06	44.37	157.87
2370.00	2369.74	4.02	4.01	Poker Lake Unit CVX JV BS #027H (s)	55.69	5.07	44.71	154.08
2400.00	2399.73	4.08	4.07	Poker Lake Unit CVX JV BS #027H (s)	56.33	5.08	45.24	143.48
2430.00	2429.73	4.14	4.14	Poker Lake Unit CVX JV BS #027H (s)	56.78	5.08	45.60	127.03
2450.00	2449.72	4.18	4.18	Poker Lake Unit CVX JV BS #027H (s)	56.98	5.07	45.73	112.29
2460.00	2459.72	4.20	4.20	Poker Lake Unit CVX JV BS #027H (s)	57.05	5.06	45.77	109.08

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (TVD Relative to Kelly Bushing; All Azimuth Relative to GRID NORTH)								
MD (US ft)	TVD (US ft)	S.Major (US ft)	S.Minor (US ft)	Nearest Well	CG (US ft)	SF	ES (US ft)	T.Facet to Sec (ft)
2490.00	2489.72	4.26	4.26	Poker Lake Unit CVX JV BS #027H (s)	57.22	5.03	45.84	98.65
2520.00	2519.72	4.32	4.32	Poker Lake Unit CVX JV BS #027H (s)	57.30	4.99	45.83	87.55
2545.00	2544.71	4.37	4.37	Poker Lake Unit CVX JV BS #027H (s)	57.32	4.96	45.76	78.41
2550.00	2549.71	4.38	4.38	Poker Lake Unit CVX JV BS #027H (s)	57.31	4.95	45.74	77.43
2580.00	2579.71	4.45	4.44	Poker Lake Unit CVX JV BS #027H (s)	57.27	4.90	45.60	70.71
2610.00	2609.71	4.51	4.50	Poker Lake Unit CVX JV BS #027H (s)	57.20	4.86	45.43	62.38
2640.00	2639.71	4.57	4.56	Poker Lake Unit CVX JV BS #027H (s)	57.10	4.81	45.23	52.41
2670.00	2669.71	4.63	4.63	Poker Lake Unit CVX JV BS #027H (s)	56.98	4.76	45.01	54.43
2700.00	2699.70	4.69	4.69	Poker Lake Unit CVX JV BS #027H (s)	56.88	4.71	44.80	56.53
2730.00	2729.70	4.76	4.75	Poker Lake Unit CVX JV BS #027H (s)	56.79	4.66	44.61	58.71
2735.00	2734.70	4.77	4.76	Poker Lake Unit CVX JV BS #027H (s)	56.77	4.66	44.58	59.08
2760.00	2759.70	4.82	4.82	Poker Lake Unit CVX JV BS #027H (s)	56.71	4.62	44.42	57.62
2790.00	2789.70	4.88	4.88	Poker Lake Unit CVX JV BS #027H (s)	56.62	4.57	44.23	55.80
2820.00	2819.70	4.94	4.94	Poker Lake Unit CVX JV BS #027H (s)	56.53	4.53	44.04	53.89
2830.00	2829.70	4.96	4.96	Poker Lake Unit CVX JV BS #027H (s)	56.50	4.51	43.98	53.24
2850.00	2849.70	5.01	5.00	Poker Lake Unit CVX JV BS #027H (s)	56.44	4.48	43.85	54.52
2880.00	2879.70	5.07	5.07	Poker Lake Unit CVX JV BS #027H (s)	56.35	4.44	43.66	56.43
2910.00	2909.69	5.13	5.13	Poker Lake Unit CVX JV BS #027H (s)	56.28	4.40	43.48	58.30
2925.00	2924.69	5.16	5.16	Poker Lake Unit CVX JV BS #027H (s)	56.24	4.38	43.40	59.23
2940.00	2939.69	5.20	5.19	Poker Lake Unit CVX JV BS #027H (s)	56.20	4.36	43.31	57.44
2970.00	2969.69	5.26	5.26	Poker Lake Unit CVX JV BS #027H (s)	56.12	4.32	43.14	53.44
3000.00	2999.69	5.32	5.32	Poker Lake Unit CVX JV BS #027H (s)	56.04	4.29	42.97	48.85
3020.00	3019.69	5.36	5.36	Poker Lake Unit CVX JV BS #027H (s)	55.98	4.26	42.85	45.43
3030.00	3029.69	5.38	5.38	Poker Lake Unit CVX JV BS #027H (s)	55.96	4.25	42.78	45.67
3060.00	3059.69	5.45	5.44	Poker Lake Unit CVX JV BS #027H (s)	55.87	4.21	42.59	46.38
3090.00	3089.69	5.51	5.51	Poker Lake Unit CVX JV BS #027H (s)	55.78	4.17	42.40	47.09

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (TVD Relative to Kelly Bushing / All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	S.Major (US ft)	S.Minor (US ft)	Nearest Well	CE (US ft)	SF	ES (US ft)	T Face to Sec (°)	Risk
3116.00	3115.69	5.56	5.56	Poker Lake Unit CVX JV BS #027H (s)	55.71	4.14	42.24	47.69	
3120.00	3119.69	5.57	5.57	Poker Lake Unit CVX JV BS #027H (s)	55.69	4.13	42.21	47.42	
3150.00	3149.69	5.63	5.63	Poker Lake Unit CVX JV BS #027H (s)	55.59	4.09	42.00	45.70	
3180.00	3179.68	5.70	5.69	Poker Lake Unit CVX JV BS #027H (s)	55.45	4.05	41.77	44.44	
3210.00	3209.68	5.76	5.76	Poker Lake Unit CVX JV BS #027H (s)	55.28	4.01	41.51	43.51	
3211.00	3210.68	5.76	5.76	Poker Lake Unit CVX JV BS #027H (s)	55.28	4.01	41.50	43.49	
3240.00	3239.68	5.82	5.82	Poker Lake Unit CVX JV BS #027H (s)	55.09	3.97	41.23	42.26	
3270.00	3269.68	5.88	5.88	Poker Lake Unit CVX JV BS #027H (s)	54.89	3.93	40.93	41.08	
3300.00	3299.67	5.94	5.94	Poker Lake Unit CVX JV BS #027H (s)	54.67	3.89	40.60	40.01	
3306.00	3305.67	5.96	5.96	Poker Lake Unit CVX JV BS #027H (s)	54.62	3.88	40.54	39.80	
3330.00	3329.67	6.01	6.01	Poker Lake Unit CVX JV BS #027H (s)	54.44	3.84	40.28	41.22	
3360.00	3359.67	6.07	6.07	Poker Lake Unit CVX JV BS #027H (s)	54.25	3.80	39.98	43.15	
3390.00	3389.67	6.13	6.13	Poker Lake Unit CVX JV BS #027H (s)	54.08	3.77	39.72	45.29	
3401.00	3400.67	6.16	6.15	Poker Lake Unit CVX JV BS #027H (s)	54.02	3.75	39.63	46.13	
3420.00	3419.67	6.20	6.19	Poker Lake Unit CVX JV BS #027H (s)	53.93	3.73	39.49	49.24	
3450.00	3449.66	6.26	6.26	Poker Lake Unit CVX JV BS #027H (s)	53.82	3.70	39.29	54.57	
3480.00	3479.66	6.32	6.32	Poker Lake Unit CVX JV BS #027H (s)	53.74	3.67	39.11	60.41	
3496.00	3495.66	6.36	6.35	Poker Lake Unit CVX JV BS #027H (s)	53.71	3.66	39.03	63.72	
3510.00	3509.66	6.39	6.38	Poker Lake Unit CVX JV BS #027H (s)	53.69	3.64	38.96	63.34	
3540.00	3539.66	6.45	6.45	Poker Lake Unit CVX JV BS #027H (s)	53.64	3.62	38.81	62.55	
3570.00	3569.66	6.51	6.51	Poker Lake Unit CVX JV BS #027H (s)	53.59	3.59	38.66	61.81	
3590.00	3589.66	6.55	6.55	Poker Lake Unit CVX JV BS #027H (s)	53.55	3.57	38.56	61.34	
3600.00	3599.66	6.57	6.57	Poker Lake Unit CVX JV BS #027H (s)	53.53	3.56	38.50	57.89	
3630.00	3629.65	6.64	6.64	Poker Lake Unit CVX JV BS #027H (s)	53.43	3.53	38.31	47.48	
3660.00	3659.65	6.70	6.70	Poker Lake Unit CVX JV BS #027H (s)	53.28	3.51	38.08	37.54	
3685.00	3684.65	6.75	6.75	Poker Lake Unit CVX JV BS #027H (s)	53.13	3.48	37.86	30.00	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #027H (p) (TVD Relative to Kelly Bushing, All Azimuth Relative to GRID NORTH)									
MD (USft)	TVD (USft)	S Major (USft)	S Minor (USft)	Nearest Well	CG (USft)	SF	ES (USft)	T Face to Sec (°)	Risk
3690.00	3689.65	6.76	6.76	Poker Lake Unit CVX JV BS #027H (s)	53.09	3.47	37.81	29.92	
3720.00	3719.65	6.82	6.82	Poker Lake Unit CVX JV BS #027H (s)	52.86	3.43	37.47	29.52	
3750.00	3749.65	6.89	6.88	Poker Lake Unit CVX JV BS #027H (s)	52.59	3.39	37.10	29.26	
3780.00	3779.64	6.95	6.95	Poker Lake Unit CVX JV BS #027H (s)	52.28	3.36	36.70	29.08	
3810.00	3809.64	7.01	7.01	Poker Lake Unit CVX JV BS #027H (s)	51.94	3.32	36.28	12.45	
3840.00	3839.63	7.07	7.07	Poker Lake Unit CVX JV BS #027H (s)	51.56	3.27	35.80	356.32	
3870.00	3869.63	7.14	7.13	Poker Lake Unit CVX JV BS #027H (s)	51.14	3.22	35.28	342.74	
3875.00	3874.63	7.15	7.14	Poker Lake Unit CVX JV BS #027H (s)	51.07	3.22	35.19	340.78	
3900.00	3899.63	7.20	7.20	Poker Lake Unit CVX JV BS #027H (s)	50.74	3.18	34.78	331.10	
3930.00	3929.62	7.26	7.26	Poker Lake Unit CVX JV BS #027H (s)	50.47	3.14	34.42	315.58	
3960.00	3959.62	7.32	7.32	Poker Lake Unit CVX JV BS #027H (s)	50.33	3.12	34.19	296.35	
3970.00	3969.62	7.34	7.34	Poker Lake Unit CVX JV BS #027H (s)	50.31	3.11	34.14	289.62	
3990.00	3989.62	7.39	7.38	Poker Lake Unit CVX JV BS #027H (s)	50.28	3.10	34.04	291.02	
4020.00	4019.61	7.45	7.45	Poker Lake Unit CVX JV BS #027H (s)	50.20	3.07	33.87	292.65	
4050.00	4049.61	7.51	7.51	Poker Lake Unit CVX JV BS #027H (s)	50.10	3.05	33.67	293.83	
4065.00	4064.61	7.54	7.54	Poker Lake Unit CVX JV BS #027H (s)	50.04	3.04	33.56	294.28	
4080.00	4079.60	7.57	7.57	Poker Lake Unit CVX JV BS #027H (s)	49.98	3.02	33.44	294.69	
4110.00	4109.60	7.64	7.63	Poker Lake Unit CVX JV BS #027H (s)	49.82	3.00	33.20	295.26	
4140.00	4139.59	7.70	7.69	Poker Lake Unit CVX JV BS #027H (s)	49.63	2.97	32.91	295.56	
4160.00	4159.58	7.74	7.74	Poker Lake Unit CVX JV BS #027H (s)	49.49	2.95	32.72	295.64	
4170.00	4169.58	7.76	7.76	Poker Lake Unit CVX JV BS #027H (s)	49.43	2.94	32.63	294.26	
4200.00	4199.57	7.82	7.82	Poker Lake Unit CVX JV BS #027H (s)	49.27	2.92	32.37	289.86	
4230.00	4229.56	7.89	7.88	Poker Lake Unit CVX JV BS #027H (s)	49.18	2.90	32.20	285.00	
4255.00	4254.56	7.94	7.94	Poker Lake Unit CVX JV BS #027H (s)	49.15	2.88	32.09	280.57	
4260.00	4259.56	7.95	7.95	Poker Lake Unit CVX JV BS #027H (s)	49.15	2.88	32.08	281.02	
4275.00	4274.55	7.98	7.98	Poker Lake Unit CVX JV BS #027H (s)	49.14	2.87	32.03	282.25	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #027H (p) (TVD Relative to Kelly Bushing; All Azimuth Relative to GRID NORTH)								
MD (US ft)	TVD (US ft)	S-Major (US ft)	S-Minor (US ft)	Nearest Well	GC (US ft)	SF	ES (US ft)	T-Face to Sec (°)
4290.00	4289.55	8.01	8.01	Poker Lake Unit CVX JV BS #027H (s)	49.13	2.86	31.97	281.23
4320.00	4319.54	8.08	8.07	Poker Lake Unit CVX JV BS #027H (s)	49.13	2.85	31.90	279.17
4350.00	4349.54	8.14	8.14	Poker Lake Unit CVX JV BS #027H (s)	49.16	2.83	31.81	277.06
4380.00	4379.53	8.20	8.20	Poker Lake Unit CVX JV BS #027H (s)	49.21	2.82	31.76	274.90
4386.00	4385.53	8.21	8.21	Poker Lake Unit CVX JV BS #027H (s)	49.22	2.82	31.76	274.46
4410.00	4409.53	8.26	8.26	Poker Lake Unit CVX JV BS #027H (s)	49.27	2.81	31.74	276.24
4440.00	4439.52	8.33	8.32	Poker Lake Unit CVX JV BS #027H (s)	49.32	2.80	31.70	278.63
4470.00	4469.52	8.39	8.39	Poker Lake Unit CVX JV BS #027H (s)	49.34	2.78	31.62	281.21
4481.00	4480.51	8.41	8.41	Poker Lake Unit CVX JV BS #027H (s)	49.34	2.78	31.58	282.20
4500.00	4499.51	8.45	8.45	Poker Lake Unit CVX JV BS #027H (s)	49.35	2.77	31.54	280.28
4530.00	4529.51	8.51	8.51	Poker Lake Unit CVX JV BS #027H (s)	49.38	2.76	31.48	277.24
4560.00	4559.50	8.58	8.58	Poker Lake Unit CVX JV BS #027H (s)	49.45	2.75	31.45	274.19
4575.00	4574.50	8.61	8.61	Poker Lake Unit CVX JV BS #027H (s)	49.49	2.74	31.45	272.67
4590.00	4589.50	8.64	8.64	Poker Lake Unit CVX JV BS #027H (s)	49.54	2.74	31.44	272.78
4620.00	4619.49	8.70	8.70	Poker Lake Unit CVX JV BS #027H (s)	49.64	2.73	31.44	272.97
4650.00	4649.48	8.77	8.76	Poker Lake Unit CVX JV BS #027H (s)	49.73	2.72	31.46	273.13
4670.00	4669.48	8.81	8.80	Poker Lake Unit CVX JV BS #027H (s)	49.79	2.72	31.47	273.21
4680.00	4679.48	8.83	8.83	Poker Lake Unit CVX JV BS #027H (s)	49.82	2.72	31.49	273.08
4710.00	4709.47	8.89	8.89	Poker Lake Unit CVX JV BS #027H (s)	49.92	2.71	31.48	272.69
4740.00	4739.47	8.95	8.95	Poker Lake Unit CVX JV BS #027H (s)	50.02	2.70	31.48	272.24
4765.00	4764.46	9.01	9.00	Poker Lake Unit CVX JV BS #027H (s)	50.11	2.69	31.49	271.84
4770.00	4769.46	9.02	9.01	Poker Lake Unit CVX JV BS #027H (s)	50.13	2.69	31.49	271.73
4800.00	4799.45	9.08	9.08	Poker Lake Unit CVX JV BS #027H (s)	50.24	2.68	31.52	271.14
4830.00	4829.45	9.14	9.14	Poker Lake Unit CVX JV BS #027H (s)	50.36	2.68	31.56	270.72
4860.00	4859.45	9.21	9.20	Poker Lake Unit CVX JV BS #027H (s)	50.49	2.67	31.59	270.50
4890.00	4889.45	9.27	9.27	Poker Lake Unit CVX JV BS #027H (s)	50.61	2.66	31.61	274.98

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (TVD Relative to Kelly Bushing; All Azimuth Relative to GRID NORTH)								
MD (US ft)	TVD (US ft)	S.Major (US ft)	S.Minor (US ft)	Nearest Well	CG (US ft)	SF	ES (US ft)	T.Face to Sec (°)
4920.00	4919.44	9.33	9.33	Poker Lake Unit CVX JV BS #027H (s)	50.70	2.65	31.60	279.35
4950.00	4949.44	9.39	9.39	Poker Lake Unit CVX JV BS #027H (s)	50.76	2.64	31.57	283.55
4955.00	4954.44	9.40	9.40	Poker Lake Unit CVX JV BS #027H (s)	50.77	2.64	31.56	284.24
4980.00	4979.44	9.46	9.46	Poker Lake Unit CVX JV BS #027H (s)	50.81	2.63	31.52	284.36
5010.00	5009.44	9.52	9.52	Poker Lake Unit CVX JV BS #027H (s)	50.86	2.62	31.48	284.51
5040.00	5039.44	9.58	9.58	Poker Lake Unit CVX JV BS #027H (s)	50.91	2.61	31.43	284.66
5050.00	5049.44	9.60	9.60	Poker Lake Unit CVX JV BS #027H (s)	50.92	2.61	31.42	284.71
5070.00	5069.43	9.65	9.64	Poker Lake Unit CVX JV BS #027H (s)	50.96	2.60	31.39	284.13
5100.00	5099.43	9.71	9.71	Poker Lake Unit CVX JV BS #027H (s)	51.01	2.59	31.35	283.29
5130.00	5129.43	9.77	9.77	Poker Lake Unit CVX JV BS #027H (s)	51.07	2.59	31.32	282.45
5145.00	5144.43	9.80	9.80	Poker Lake Unit CVX JV BS #027H (s)	51.10	2.58	31.31	282.04
5160.00	5159.43	9.84	9.83	Poker Lake Unit CVX JV BS #027H (s)	51.13	2.58	31.30	281.27
5190.00	5189.43	9.90	9.90	Poker Lake Unit CVX JV BS #027H (s)	51.20	2.57	31.28	279.79
5220.00	5219.42	9.96	9.96	Poker Lake Unit CVX JV BS #027H (s)	51.28	2.56	31.27	278.40
5240.00	5239.42	10.00	10.00	Poker Lake Unit CVX JV BS #027H (s)	51.33	2.56	31.27	277.50
5250.00	5249.42	10.02	10.02	Poker Lake Unit CVX JV BS #027H (s)	51.36	2.56	31.27	276.68
5280.00	5279.41	10.09	10.09	Poker Lake Unit CVX JV BS #027H (s)	51.45	2.55	31.28	274.63
5310.00	5309.41	10.15	10.15	Poker Lake Unit CVX JV BS #027H (s)	51.56	2.54	31.30	272.93
5335.00	5334.40	10.20	10.20	Poker Lake Unit CVX JV BS #027H (s)	51.65	2.54	31.32	271.64
5340.00	5339.40	10.21	10.21	Poker Lake Unit CVX JV BS #027H (s)	51.67	2.54	31.33	270.85
5370.00	5369.39	10.28	10.27	Poker Lake Unit CVX JV BS #027H (s)	51.84	2.54	31.40	265.73
5400.00	5399.38	10.34	10.34	Poker Lake Unit CVX JV BS #027H (s)	52.06	2.53	31.52	259.76
5430.00	5429.38	10.40	10.40	Poker Lake Unit CVX JV BS #027H (s)	52.35	2.54	31.71	252.74
5460.00	5459.37	10.47	10.46	Poker Lake Unit CVX JV BS #027H (s)	52.67	2.54	31.94	251.07
5490.00	5489.37	10.53	10.53	Poker Lake Unit CVX JV BS #027H (s)	52.99	2.54	32.17	249.30
5520.00	5519.36	10.59	10.59	Poker Lake Unit CVX JV BS #027H (s)	53.32	2.55	32.41	247.43

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (AVD Relative to Kelly Bushings; All Azimuth Relative to GRID NORTH)									
MD (USft)	TVD (USft)	SI Major (USft)	SI Minor (USft)	Nearest Well	CE (USft)	SP	ES (USft)	T Face to Sec (°)	Risk
5525.00	5524.36	10.60	10.60	Poker Lake Unit CVX JV BS #027H (s)	53.38	2.55	32.45	247.10	
5550.00	5549.36	10.65	10.65	Poker Lake Unit CVX JV BS #027H (s)	53.65	2.56	32.65	228.03	
5580.00	5579.36	10.72	10.71	Poker Lake Unit CVX JV BS #027H (s)	53.96	2.56	32.87	141.65	
5610.00	5609.36	10.78	10.77	Poker Lake Unit CVX JV BS #027H (s)	54.24	2.56	33.07	106.58	
5620.00	5619.36	10.80	10.79	Poker Lake Unit CVX JV BS #027H (s)	54.33	2.56	33.14	102.89	
5640.00	5639.35	10.84	10.84	Poker Lake Unit CVX JV BS #027H (s)	54.51	2.57	33.26	101.91	
5670.00	5669.35	10.90	10.90	Poker Lake Unit CVX JV BS #027H (s)	54.77	2.57	33.45	100.77	
5700.00	5699.34	10.97	10.96	Poker Lake Unit CVX JV BS #027H (s)	55.04	2.57	33.64	99.95	
5715.00	5714.34	11.00	10.99	Poker Lake Unit CVX JV BS #027H (s)	55.18	2.57	33.74	99.64	
5730.00	5729.33	11.03	11.02	Poker Lake Unit CVX JV BS #027H (s)	55.31	2.58	33.83	99.71	
5760.00	5759.33	11.09	11.09	Poker Lake Unit CVX JV BS #027H (s)	55.58	2.58	34.03	99.85	
5790.00	5789.32	11.15	11.15	Poker Lake Unit CVX JV BS #027H (s)	55.86	2.58	34.21	99.98	
5809.00	5808.31	11.19	11.19	Poker Lake Unit CVX JV BS #027H (s)	56.03	2.58	34.32	100.05	
5820.00	5819.31	11.22	11.21	Poker Lake Unit CVX JV BS #027H (s)	56.13	2.58	34.39	100.74	
5850.00	5849.30	11.28	11.28	Poker Lake Unit CVX JV BS #027H (s)	56.43	2.58	34.58	102.62	
5880.00	5879.29	11.34	11.34	Poker Lake Unit CVX JV BS #027H (s)	56.74	2.59	34.80	104.52	
5904.00	5903.29	11.39	11.39	Poker Lake Unit CVX JV BS #027H (s)	57.01	2.59	34.98	106.05	
5910.00	5909.29	11.40	11.40	Poker Lake Unit CVX JV BS #027H (s)	57.08	2.59	35.03	106.19	
5940.00	5939.28	11.47	11.46	Poker Lake Unit CVX JV BS #027H (s)	57.42	2.59	35.28	106.86	
5970.00	5969.27	11.53	11.53	Poker Lake Unit CVX JV BS #027H (s)	57.76	2.60	35.53	107.50	
5999.00	5998.27	11.59	11.59	Poker Lake Unit CVX JV BS #027H (s)	58.10	2.60	35.77	108.11	
6000.00	5999.27	11.59	11.59	Poker Lake Unit CVX JV BS #027H (s)	58.11	2.60	35.78	108.23	
6030.00	6029.26	11.66	11.65	Poker Lake Unit CVX JV BS #027H (s)	58.47	2.61	36.06	111.97	
6060.00	6059.26	11.72	11.72	Poker Lake Unit CVX JV BS #027H (s)	58.87	2.62	36.36	115.86	
6090.00	6089.25	11.78	11.78	Poker Lake Unit CVX JV BS #027H (s)	59.29	2.62	36.70	119.88	
6094.00	6093.25	11.79	11.79	Poker Lake Unit CVX JV BS #027H (s)	59.35	2.63	36.75	120.43	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #020H (p) (TVD Relative to Kelly Bushing / All Azimuth Relative to GRID NORTH)								
MD (USft)	TVD (USft)	S.Major (USft)	S.Minor (USft)	Nearest Well	CC (USft)	SP	ES (USft)	T.Face to Sec (°)
6120.00	6119.25	11.84	11.84	Poker Lake Unit CVX JV BS #027H (s)	59.74	2.63	37.06	122.18
6150.00	6149.24	11.91	11.91	Poker Lake Unit CVX JV BS #027H (s)	60.20	2.65	37.44	124.20
6180.00	6179.24	11.97	11.97	Poker Lake Unit CVX JV BS #027H (s)	60.68	2.66	37.84	126.22
6189.00	6188.24	11.99	11.99	Poker Lake Unit CVX JV BS #027H (s)	60.83	2.66	37.97	126.83
6210.00	6209.23	12.03	12.03	Poker Lake Unit CVX JV BS #027H (s)	61.18	2.67	38.26	128.03
6240.00	6239.23	12.10	12.09	Poker Lake Unit CVX JV BS #027H (s)	61.69	2.68	38.70	129.70
6270.00	6269.22	12.16	12.16	Poker Lake Unit CVX JV BS #027H (s)	62.22	2.70	39.16	131.34
6284.00	6283.22	12.19	12.19	Poker Lake Unit CVX JV BS #027H (s)	62.47	2.70	39.37	132.09
6300.00	6299.22	12.22	12.22	Poker Lake Unit CVX JV BS #027H (s)	62.76	2.71	39.61	130.97
6330.00	6329.21	12.28	12.28	Poker Lake Unit CVX JV BS #027H (s)	63.28	2.72	40.03	128.77
6360.00	6359.21	12.35	12.35	Poker Lake Unit CVX JV BS #027H (s)	63.77	2.73	40.44	126.43
6379.00	6378.20	12.39	12.39	Poker Lake Unit CVX JV BS #027H (s)	64.07	2.74	40.67	124.89
6390.00	6389.20	12.41	12.41	Poker Lake Unit CVX JV BS #027H (s)	64.25	2.74	40.81	125.47
6420.00	6419.20	12.47	12.47	Poker Lake Unit CVX JV BS #027H (s)	64.72	2.75	41.19	127.08
6450.00	6449.19	12.54	12.53	Poker Lake Unit CVX JV BS #027H (s)	65.20	2.76	41.58	128.72
6474.00	6473.19	12.59	12.58	Poker Lake Unit CVX JV BS #027H (s)	65.59	2.77	41.89	130.06
6480.00	6479.19	12.60	12.60	Poker Lake Unit CVX JV BS #027H (s)	65.68	2.77	41.97	129.84
6510.00	6509.19	12.66	12.66	Poker Lake Unit CVX JV BS #027H (s)	66.17	2.78	42.37	128.74
6540.00	6539.18	12.73	12.72	Poker Lake Unit CVX JV BS #027H (s)	66.65	2.79	42.80	127.66
6568.00	6567.18	12.78	12.78	Poker Lake Unit CVX JV BS #027H (s)	67.09	2.80	43.11	126.68
6570.00	6569.18	12.79	12.79	Poker Lake Unit CVX JV BS #027H (s)	67.12	2.80	43.14	126.74
6600.00	6599.17	12.85	12.85	Poker Lake Unit CVX JV BS #027H (s)	67.59	2.81	43.53	127.70
6630.00	6629.17	12.91	12.91	Poker Lake Unit CVX JV BS #027H (s)	68.06	2.82	43.90	128.69
6660.00	6659.17	12.98	12.98	Poker Lake Unit CVX JV BS #027H (s)	68.53	2.83	44.28	129.71
6663.00	6662.17	12.98	12.98	Poker Lake Unit CVX JV BS #027H (s)	68.57	2.83	44.31	129.81
6690.00	6689.16	13.04	13.04	Poker Lake Unit CVX JV BS #027H (s)	68.97	2.84	44.67	124.72

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (TVD Relative to Kelly Bushing; All Azimuth Relative to GRID NORTH)									
MD (USft)	TVD (USft)	S.Major (USft)	S.Minor (USft)	Nearest Well	CC (USft)	SF	ES (USft)	Face to Sec (°)	Risk
6720.00	6719.16	13.10	13.10	Poker Lake Unit CVX JV BS #027H (s)	69.37	2.84	44.95	118.66	
6750.00	6749.16	13.17	13.16	Poker Lake Unit CVX JV BS #027H (s)	69.73	2.84	45.22	112.30	
6758.00	6757.16	13.18	13.18	Poker Lake Unit CVX JV BS #027H (s)	69.82	2.85	45.28	110.58	
6780.00	6779.16	13.23	13.23	Poker Lake Unit CVX JV BS #027H (s)	70.07	2.85	45.46	115.15	
6810.00	6809.15	13.29	13.29	Poker Lake Unit CVX JV BS #027H (s)	70.45	2.85	45.76	121.01	
6840.00	6839.15	13.35	13.35	Poker Lake Unit CVX JV BS #027H (s)	70.88	2.86	46.11	126.39	
6853.00	6852.15	13.38	13.38	Poker Lake Unit CVX JV BS #027H (s)	71.08	2.87	46.27	128.58	
6870.00	6869.15	13.42	13.42	Poker Lake Unit CVX JV BS #027H (s)	71.35	2.87	46.49	127.86	
6900.00	6899.14	13.48	13.48	Poker Lake Unit CVX JV BS #027H (s)	71.81	2.88	46.87	126.54	
6930.00	6929.14	13.54	13.54	Poker Lake Unit CVX JV BS #027H (s)	72.25	2.89	47.23	125.17	
6948.00	6947.14	13.58	13.58	Poker Lake Unit CVX JV BS #027H (s)	72.51	2.89	47.44	124.31	
6960.00	6959.14	13.61	13.60	Poker Lake Unit CVX JV BS #027H (s)	72.69	2.90	47.58	125.81	
6990.00	6989.13	13.67	13.67	Poker Lake Unit CVX JV BS #027H (s)	73.15	2.90	47.96	129.44	
7020.00	7019.13	13.73	13.73	Poker Lake Unit CVX JV BS #027H (s)	73.64	2.91	48.36	132.90	
7043.00	7042.13	13.78	13.78	Poker Lake Unit CVX JV BS #027H (s)	74.03	2.92	48.69	135.42	
7050.00	7049.12	13.79	13.79	Poker Lake Unit CVX JV BS #027H (s)	74.15	2.92	48.79	135.60	
7080.00	7079.12	13.86	13.86	Poker Lake Unit CVX JV BS #027H (s)	74.67	2.93	49.22	136.36	
7110.00	7109.12	13.92	13.92	Poker Lake Unit CVX JV BS #027H (s)	75.18	2.94	49.64	137.17	
7138.00	7137.12	13.98	13.98	Poker Lake Unit CVX JV BS #027H (s)	75.64	2.95	50.02	137.98	
7140.00	7139.12	13.98	13.98	Poker Lake Unit CVX JV BS #027H (s)	75.67	2.95	50.05	138.22	
7170.00	7169.11	14.05	14.05	Poker Lake Unit CVX JV BS #027H (s)	76.16	2.96	50.45	141.82	
7200.00	7199.11	14.11	14.11	Poker Lake Unit CVX JV BS #027H (s)	76.67	2.97	50.87	145.50	
7230.00	7229.11	14.17	14.17	Poker Lake Unit CVX JV BS #027H (s)	77.19	2.98	51.30	149.25	
7233.00	7232.11	14.18	14.18	Poker Lake Unit CVX JV BS #027H (s)	77.24	2.98	51.35	149.62	
7260.00	7259.10	14.24	14.24	Poker Lake Unit CVX JV BS #027H (s)	77.72	2.99	51.74	151.96	
7290.00	7289.10	14.30	14.30	Poker Lake Unit CVX JV BS #027H (s)	78.25	3.00	52.19	154.55	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (TVD Relative to Kelly Bushing; All Azimuth Relative to GRID NORTH)								
MD (US ft)	TVD (US ft)	S-Major (US ft)	S-Minor (US ft)	Nearest Well	GC (US ft)	SF	ES (US ft)	T-Face to Sec (°)
7320.00	7319.10	14.36	14.36	Poker Lake Unit CVX JV BS #027H (s)	78.80	3.01	52.65	157.12
7329.00	7328.10	14.38	14.38	Poker Lake Unit CVX JV BS #027H (s)	78.96	3.02	52.79	157.89
7350.00	7349.10	14.43	14.43	Poker Lake Unit CVX JV BS #027H (s)	79.35	3.02	53.12	157.45
7380.00	7379.09	14.49	14.49	Poker Lake Unit CVX JV BS #027H (s)	79.90	3.04	53.58	156.81
7410.00	7409.09	14.55	14.55	Poker Lake Unit CVX JV BS #027H (s)	80.44	3.05	54.04	156.16
7424.00	7423.09	14.58	14.58	Poker Lake Unit CVX JV BS #027H (s)	80.70	3.05	54.26	155.86
7440.00	7439.09	14.62	14.61	Poker Lake Unit CVX JV BS #027H (s)	80.98	3.06	54.50	164.79
7470.00	7469.09	14.68	14.68	Poker Lake Unit CVX JV BS #027H (s)	81.47	3.07	54.91	188.65
7500.00	7499.09	14.74	14.74	Poker Lake Unit CVX JV BS #027H (s)	81.91	3.07	55.27	217.55
7519.00	7518.09	14.78	14.78	Poker Lake Unit CVX JV BS #027H (s)	82.17	3.08	55.47	232.99
7530.00	7529.09	14.81	14.80	Poker Lake Unit CVX JV BS #027H (s)	82.31	3.08	55.58	233.49
7560.00	7559.08	14.87	14.87	Poker Lake Unit CVX JV BS #027H (s)	82.70	3.09	55.89	234.83
7590.00	7589.08	14.93	14.93	Poker Lake Unit CVX JV BS #027H (s)	83.08	3.09	56.20	236.12
7614.00	7613.08	14.98	14.98	Poker Lake Unit CVX JV BS #027H (s)	83.38	3.09	56.44	237.11
7620.00	7619.08	15.00	15.00	Poker Lake Unit CVX JV BS #027H (s)	83.46	3.10	56.50	238.96
7650.00	7649.08	15.06	15.06	Poker Lake Unit CVX JV BS #027H (s)	83.80	3.10	56.74	248.80
7680.00	7679.08	15.12	15.12	Poker Lake Unit CVX JV BS #027H (s)	84.09	3.10	56.92	259.23
7709.00	7708.08	15.18	15.18	Poker Lake Unit CVX JV BS #027H (s)	84.31	3.09	57.06	269.23
7710.00	7709.08	15.19	15.19	Poker Lake Unit CVX JV BS #027H (s)	84.32	3.09	57.06	269.30
7740.00	7739.07	15.25	15.25	Poker Lake Unit CVX JV BS #027H (s)	84.52	3.09	57.17	271.44
7770.00	7769.07	15.31	15.31	Poker Lake Unit CVX JV BS #027H (s)	84.71	3.09	57.27	273.36
7800.00	7799.07	15.38	15.38	Poker Lake Unit CVX JV BS #027H (s)	84.89	3.08	57.36	275.10
7804.00	7803.07	15.39	15.38	Poker Lake Unit CVX JV BS #027H (s)	84.92	3.08	57.37	275.32
7830.00	7829.07	15.44	15.44	Poker Lake Unit CVX JV BS #027H (s)	85.07	3.08	57.45	275.43
7860.00	7859.07	15.51	15.50	Poker Lake Unit CVX JV BS #027H (s)	85.24	3.08	57.54	275.56
7890.00	7889.06	15.57	15.57	Poker Lake Unit CVX JV BS #027H (s)	85.41	3.07	57.63	275.68

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (P) (TVD Relative to Kelly Bushing, All Azimuth Relative to GRID NORTH)									
MD (USft)	TVD (USft)	S-Major (USft)	S-Minor (USft)	Nearest Well	CG (USft)	SF	ES (USft)	T-Interface (°)	Risk
7899.00	7898.06	15.59	15.59	Poker Lake Unit CVX JV BS #027H (s)	85.47	3.07	57.66	275.72	
7920.00	7919.06	15.63	15.63	Poker Lake Unit CVX JV BS #027H (s)	85.60	3.07	57.74	272.68	
7950.00	7949.06	15.70	15.69	Poker Lake Unit CVX JV BS #027H (s)	85.80	3.07	57.87	268.32	
7980.00	7979.06	15.76	15.76	Poker Lake Unit CVX JV BS #027H (s)	86.04	3.07	58.05	263.96	
7994.00	7993.06	15.79	15.79	Poker Lake Unit CVX JV BS #027H (s)	86.16	3.07	58.13	261.94	
8010.00	8009.05	15.82	15.82	Poker Lake Unit CVX JV BS #027H (s)	86.30	3.07	58.22	261.18	
8040.00	8039.05	15.88	15.88	Poker Lake Unit CVX JV BS #027H (s)	86.58	3.07	58.39	259.78	
8070.00	8069.05	15.95	15.95	Poker Lake Unit CVX JV BS #027H (s)	86.87	3.07	58.58	258.39	
8100.00	8099.05	16.01	16.01	Poker Lake Unit CVX JV BS #027H (s)	87.16	3.07	58.78	257.02	
8130.00	8129.04	16.07	16.07	Poker Lake Unit CVX JV BS #027H (s)	87.47	3.07	59.01	255.66	
8160.00	8159.04	16.13	16.13	Poker Lake Unit CVX JV BS #027H (s)	87.79	3.08	59.26	254.32	
8184.00	8183.04	16.18	16.18	Poker Lake Unit CVX JV BS #027H (s)	88.05	3.08	59.48	253.26	
8190.00	8189.04	16.20	16.19	Poker Lake Unit CVX JV BS #027H (s)	88.12	3.08	59.53	253.26	
8220.00	8219.04	16.26	16.26	Poker Lake Unit CVX JV BS #027H (s)	88.44	3.09	59.80	253.30	
8250.00	8249.04	16.32	16.32	Poker Lake Unit CVX JV BS #027H (s)	88.76	3.09	60.01	253.41	
8280.00	8279.03	16.38	16.38	Poker Lake Unit CVX JV BS #027H (s)	89.07	3.09	60.22	253.59	
8310.00	8309.03	16.45	16.45	Poker Lake Unit CVX JV BS #027H (s)	89.38	3.09	60.43	253.87	
8340.00	8339.03	16.51	16.51	Poker Lake Unit CVX JV BS #027H (s)	89.67	3.09	60.64	254.26	
8370.00	8369.03	16.57	16.57	Poker Lake Unit CVX JV BS #027H (s)	89.96	3.09	60.85	254.80	
8375.00	8374.03	16.58	16.58	Poker Lake Unit CVX JV BS #027H (s)	90.01	3.09	60.88	254.91	
8400.00	8399.03	16.63	16.63	Poker Lake Unit CVX JV BS #027H (s)	90.24	3.09	61.06	250.85	
8430.00	8429.03	16.69	16.69	Poker Lake Unit CVX JV BS #027H (s)	90.54	3.09	61.27	244.05	
8460.00	8459.03	16.76	16.75	Poker Lake Unit CVX JV BS #027H (s)	90.83	3.10	61.50	233.71	
8470.00	8469.03	16.78	16.78	Poker Lake Unit CVX JV BS #027H (s)	90.93	3.10	61.57	229.10	
8490.00	8489.03	16.82	16.82	Poker Lake Unit CVX JV BS #027H (s)	91.16	3.10	61.74	204.54	
8520.00	8519.03	16.88	16.88	Poker Lake Unit CVX JV BS #027H (s)	91.57	3.10	62.08	186.99	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (TVD Relative to Kelly Bushing; All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	S.Major (US ft)	S.Minor (US ft)	Nearest Well	CG (US ft)	SP	ES (US ft)	T.Face to See (°)	Risk
8550.00	8549.03	16.94	16.94	Poker Lake Unit CVX JV BS #027H (s)	92.09	3.11	62.51	178.99	
8565.00	8564.03	16.97	16.97	Poker Lake Unit CVX JV BS #027H (s)	92.38	3.12	62.76	176.50	
8580.00	8579.02	17.01	17.00	Poker Lake Unit CVX JV BS #027H (s)	92.69	3.12	63.03	173.69	
8610.00	8609.02	17.07	17.06	Poker Lake Unit CVX JV BS #027H (s)	93.36	3.14	63.61	169.11	
8640.00	8639.02	17.13	17.13	Poker Lake Unit CVX JV BS #027H (s)	94.08	3.15	64.24	165.60	
8660.00	8659.01	17.17	17.17	Poker Lake Unit CVX JV BS #027H (s)	94.59	3.16	64.69	163.70	
8670.00	8669.01	17.19	17.19	Poker Lake Unit CVX JV BS #027H (s)	94.84	3.17	64.92	166.38	
8700.00	8699.01	17.26	17.25	Poker Lake Unit CVX JV BS #027H (s)	95.59	3.19	65.58	175.58	
8730.00	8729.00	17.32	17.32	Poker Lake Unit CVX JV BS #027H (s)	96.31	3.20	66.21	186.51	
8755.00	8754.00	17.37	17.37	Poker Lake Unit CVX JV BS #027H (s)	96.87	3.21	66.70	196.66	
8760.00	8759.00	17.38	17.38	Poker Lake Unit CVX JV BS #027H (s)	96.98	3.21	66.80	197.60	
8790.00	8789.00	17.45	17.44	Poker Lake Unit CVX JV BS #027H (s)	97.54	3.22	67.28	206.48	
8820.00	8819.00	17.51	17.51	Poker Lake Unit CVX JV BS #027H (s)	97.96	3.23	67.62	230.15	
8849.00	8848.00	17.57	17.57	Poker Lake Unit CVX JV BS #027H (s)	98.22	3.23	67.80	287.35	
8850.00	8849.00	17.57	17.57	Poker Lake Unit CVX JV BS #027H (s)	98.22	3.23	67.81	289.02	
8880.00	8879.00	17.63	17.63	Poker Lake Unit CVX JV BS #027H (s)	98.38	3.23	67.88	352.09	
8910.00	8909.00	17.70	17.69	Poker Lake Unit CVX JV BS #027H (s)	98.45	3.22	67.86	22.05	
8940.00	8938.99	17.76	17.76	Poker Lake Unit CVX JV BS #027H (s)	98.43	3.21	67.76	32.57	
8943.00	8941.99	17.76	17.76	Poker Lake Unit CVX JV BS #027H (s)	98.43	3.21	67.75	33.23	
8970.00	8968.99	17.82	17.82	Poker Lake Unit CVX JV BS #027H (s)	98.35	3.20	67.58	36.28	
9000.00	8998.99	17.88	17.88	Poker Lake Unit CVX JV BS #027H (s)	98.23	3.18	67.37	38.86	
9030.00	9028.98	17.95	17.94	Poker Lake Unit CVX JV BS #027H (s)	98.06	3.17	67.12	40.88	
9038.00	9036.98	17.96	17.96	Poker Lake Unit CVX JV BS #027H (s)	98.01	3.17	67.05	41.35	
9060.00	9058.98	18.01	18.00	Poker Lake Unit CVX JV BS #027H (s)	97.86	3.15	66.83	37.26	
9090.00	9088.97	18.07	18.07	Poker Lake Unit CVX JV BS #027H (s)	97.63	3.14	66.52	31.64	
9120.00	9118.97	18.13	18.13	Poker Lake Unit CVX JV BS #027H (s)	97.36	3.12	66.18	26.07	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (TVD Relative to Kelly Bushing; All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	S.Major (US ft)	S.Minor (US ft)	Nearest Well	CC (US ft)	SF	ES (US ft)	T.Face to Sec (°)	Risk
9133.00	9131.96	18.16	18.16	Poker Lake Unit CVX JV BS #027H (s)	97.24	3.12	66.03	23.70	
9150.00	9148.96	18.20	18.19	Poker Lake Unit CVX JV BS #027H (s)	97.05	3.11	65.80	19.93	
9180.00	9178.95	18.26	18.25	Poker Lake Unit CVX JV BS #027H (s)	96.66	3.09	65.34	14.42	
9210.00	9208.94	18.32	18.31	Poker Lake Unit CVX JV BS #027H (s)	96.16	3.06	64.77	10.06	
9228.00	9226.94	18.36	18.35	Poker Lake Unit CVX JV BS #027H (s)	95.82	3.05	64.36	7.87	
9240.00	9238.93	18.39	18.38	Poker Lake Unit CVX JV BS #027H (s)	95.58	3.03	64.08	7.91	
9270.00	9268.92	18.45	18.44	Poker Lake Unit CVX JV BS #027H (s)	94.96	3.00	63.36	8.01	
9300.00	9298.91	18.51	18.50	Poker Lake Unit CVX JV BS #027H (s)	94.30	2.97	62.60	8.11	
9318.00	9316.90	18.55	18.54	Poker Lake Unit CVX JV BS #027H (s)	93.89	2.96	62.14	8.17	
9330.00	9328.89	18.57	18.56	Poker Lake Unit CVX JV BS #027H (s)	93.62	2.94	61.82	8.37	
9360.00	9358.88	18.64	18.63	Poker Lake Unit CVX JV BS #027H (s)	92.92	2.92	61.05	8.87	
9390.00	9388.86	18.70	18.69	Poker Lake Unit CVX JV BS #027H (s)	92.23	2.89	60.29	9.38	
9414.00	9412.85	18.75	18.74	Poker Lake Unit CVX JV BS #027H (s)	91.67	2.87	59.71	9.78	
9420.00	9418.84	18.76	18.75	Poker Lake Unit CVX JV BS #027H (s)	91.53	2.86	59.55	9.85	
9450.00	9448.83	18.83	18.81	Poker Lake Unit CVX JV BS #027H (s)	90.81	2.83	58.71	10.16	
9480.00	9478.81	18.89	18.88	Poker Lake Unit CVX JV BS #027H (s)	90.08	2.80	57.87	10.48	
9509.00	9507.80	18.95	18.94	Poker Lake Unit CVX JV BS #027H (s)	89.36	2.77	57.08	10.78	
9510.00	9508.79	18.95	18.94	Poker Lake Unit CVX JV BS #027H (s)	89.34	2.77	57.05	10.82	
9540.00	9538.78	19.01	19.00	Poker Lake Unit CVX JV BS #027H (s)	88.60	2.74	56.23	12.14	
9570.00	9568.76	19.08	19.06	Poker Lake Unit CVX JV BS #027H (s)	87.91	2.71	55.48	13.55	
9600.00	9598.75	19.14	19.13	Poker Lake Unit CVX JV BS #027H (s)	87.25	2.69	54.77	15.05	
9602.00	9600.75	19.14	19.13	Poker Lake Unit CVX JV BS #027H (s)	87.21	2.68	54.71	15.16	
9630.00	9628.73	19.20	19.19	Poker Lake Unit CVX JV BS #027H (s)	86.62	2.66	54.02	16.06	
9660.00	9658.72	19.26	19.25	Poker Lake Unit CVX JV BS #027H (s)	86.02	2.63	53.31	17.07	
9662.00	9660.72	19.27	19.26	Poker Lake Unit CVX JV BS #027H (s)	85.98	2.63	53.26	17.14	
9690.00	9688.71	19.32	19.32	Poker Lake Unit CVX JV BS #027H (s)	85.42	2.61	52.64	17.28	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #027H (p) (NVD Relative to Kelly Bushing; All Azimuth Relative to GRID NORTH)								
ID (US ft)	TVD (US ft)	S-Major (US ft)	S-Minor (US ft)	Nearest Well	GC (US ft)	SF	ES (US ft)	T-Face to Sec (°)
9720.00	9718.69	19.39	19.38	Poker Lake Unit CVX JV BS #027H (s)	84.82	2.58	51.93	17.12
9750.00	9748.68	19.45	19.44	Poker Lake Unit CVX JV BS #027H (s)	84.21	2.55	51.18	320.20
9780.00	9778.64	19.51	19.46	Poker Lake Unit CVX JV BS #027H (s)	83.80	2.53	50.69	284.89
9810.00	9808.50	19.58	19.45	Poker Lake Unit CVX JV BS #027H (s)	83.89	2.53	50.70	272.07
9840.00	9838.21	19.64	19.50	Poker Lake Unit CVX JV BS #027H (s)	85.23	2.57	52.03	262.76
9870.00	9867.69	19.70	19.51	Poker Lake Unit CVX JV BS #027H (s)	89.14	2.68	55.92	254.31
9900.00	9896.88	19.76	19.47	Poker Lake Unit CVX JV BS #027H (s)	96.63	2.91	63.46	246.72
9930.00	9925.71	19.82	19.39	Poker Lake Unit CVX JV BS #027H (s)	107.97	3.26	74.85	240.35
9960.00	9954.13	19.88	19.31	Poker Lake Unit CVX JV BS #027H (s)	122.70	3.72	89.72	234.52
9990.00	9982.06	19.95	19.26	Poker Lake Unit CVX JV BS #027H (s)	140.18	4.25	107.21	230.09
10020.00	10009.44	20.02	19.18	Poker Lake Unit CVX JV BS #027H (s)	160.12	4.86	127.19	226.99
10050.00	10036.22	20.09	19.04	Poker Lake Unit CVX JV BS #027H (s)	182.12	5.54	149.24	224.85
10080.00	10062.34	20.16	18.86	Poker Lake Unit CVX JV BS #027H (s)	205.79	6.26	172.89	223.39
10110.00	10087.73	20.23	18.76	Poker Lake Unit CVX JV BS #027H (s)	230.80	7.03	197.97	222.79
10140.00	10112.34	20.31	18.63	Poker Lake Unit CVX JV BS #027H (s)	256.92	7.83	224.11	223.03
10170.00	10136.12	20.39	18.46	Poker Lake Unit CVX JV BS #027H (s)	283.96	8.65	251.15	224.17
10200.00	10159.01	20.48	18.24	Poker Lake Unit CVX JV BS #027H (s)	311.72	9.50	278.90	226.41
10230.00	10180.96	20.56	18.10	Poker Lake Unit CVX JV BS #027H (s)	340.08	10.36	307.24	230.03
10260.00	10201.93	20.66	17.94	Poker Lake Unit CVX JV BS #027H (s)	368.89	11.23	336.05	235.51
10290.00	10221.86	20.76	17.74	Poker Lake Unit CVX JV BS #027H (s)	398.04	12.11	365.19	243.49
10320.00	10240.72	20.87	17.51	Poker Lake Unit CVX JV BS #027H (s)	427.44	12.99	394.52	254.71
10350.00	10258.46	20.98	17.39	Poker Lake Unit CVX JV BS #027H (s)	456.98	13.86	424.01	269.36
10380.00	10275.04	21.11	17.22	Poker Lake Unit CVX JV BS #027H (s)	486.59	14.74	453.58	286.01
10410.00	10290.42	21.23	17.02	Poker Lake Unit CVX JV BS #027H (s)	516.18	15.62	483.14	301.81
10440.00	10304.57	21.36	16.87	Poker Lake Unit CVX JV BS #027H (s)	545.70	16.49	512.62	314.64
10470.00	10317.47	21.51	16.75	Poker Lake Unit CVX JV BS #027H (s)	575.08	17.37	541.96	324.23

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (TVD Relative to Kelly Bushing; All Azimuth Relative to GRID NORTH)									Risk
MD (US ft)	TVD (US ft)	S.Major (US ft)	S.Minor (US ft)	Nearest Well	CC (US ft)	SF	ES (US ft)	Face to Sec (°)	
10500.00	10329.07	21.67	16.59	Poker Lake Unit CVX JV BS #027H (s)	604.26	18.23	571.11	331.22	
10530.00	10339.36	21.81	16.46	Poker Lake Unit CVX JV BS #027H (s)	633.18	19.08	600.00	336.35	
10560.00	10348.30	21.99	16.40	Poker Lake Unit CVX JV BS #027H (s)	661.81	19.93	628.60	340.20	
10590.00	10355.90	22.17	16.30	Poker Lake Unit CVX JV BS #027H (s)	690.09	20.76	656.85	343.14	
10620.00	10362.11	22.34	16.22	Poker Lake Unit CVX JV BS #027H (s)	717.99	21.58	684.72	345.45	
10650.00	10366.94	22.54	16.22	Poker Lake Unit CVX JV BS #027H (s)	745.46	22.38	712.16	347.28	
10680.00	10370.37	22.74	16.19	Poker Lake Unit CVX JV BS #027H (s)	772.47	23.18	739.14	348.77	
10710.00	10372.39	22.94	16.18	Poker Lake Unit CVX JV BS #027H (s)	798.98	23.95	765.62	350.00	
10740.00	10373.01	23.14	16.25	Poker Lake Unit CVX JV BS #027H (s)	824.97	24.72	791.59	350.94	
10770.00	10373.05	23.37	16.31	Poker Lake Unit CVX JV BS #027H (s)	850.83	25.46	817.41	351.06	
10800.00	10373.10	23.59	16.36	Poker Lake Unit CVX JV BS #027H (s)	876.85	26.20	843.39	351.16	
10830.00	10373.14	23.82	16.42	Poker Lake Unit CVX JV BS #027H (s)	903.02	26.95	869.52	351.25	
10860.00	10373.19	24.07	16.48	Poker Lake Unit CVX JV BS #027H (s)	929.35	27.70	895.80	351.34	
10890.00	10373.23	24.31	16.54	Poker Lake Unit CVX JV BS #027H (s)	955.82	28.46	922.23	351.43	
10920.00	10373.28	24.56	16.60	Poker Lake Unit CVX JV BS #027H (s)	982.42	29.22	948.80	351.51	
10950.00	10373.32	24.83	16.68	Poker Lake Unit CVX JV BS #027H (s)	1009.14	29.99	975.49	351.59	
10980.00	10373.37	25.10	16.75	Poker Lake Unit CVX JV BS #027H (s)	1035.98	30.75	1002.29	351.69	
11010.00	10373.41	25.36	16.82	Poker Lake Unit CVX JV BS #027H (s)	1062.91	31.51	1029.18	351.79	
11040.00	10373.46	25.64	16.89	Poker Lake Unit CVX JV BS #027H (s)	1089.94	32.27	1056.17	351.88	
11070.00	10373.50	25.93	16.97	Poker Lake Unit CVX JV BS #027H (s)	1117.06	33.04	1083.25	351.96	
11100.00	10373.55	26.22	17.05	Poker Lake Unit CVX JV BS #027H (s)	1144.26	33.81	1110.42	352.05	
11130.00	10373.59	26.52	17.13	Poker Lake Unit CVX JV BS #027H (s)	1171.54	34.58	1137.67	352.11	
11160.00	10373.64	26.83	17.22	Poker Lake Unit CVX JV BS #027H (s)	1198.92	35.35	1165.01	352.16	
11190.00	10373.68	27.13	17.31	Poker Lake Unit CVX JV BS #027H (s)	1226.40	36.13	1192.46	352.20	
11220.00	10373.73	27.44	17.40	Poker Lake Unit CVX JV BS #027H (s)	1253.97	36.91	1219.99	352.24	
11250.00	10373.77	27.76	17.49	Poker Lake Unit CVX JV BS #027H (s)	1281.62	37.68	1247.61	352.28	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (TVD Relative to Kelly Bushing / All Azimuth Relative to GRID NORTH)									
MD (USft)	TVD (USft)	S.Major (USft)	S.Minor (USft)	Nearest Well	CC (USft)	SF	ES (USft)	TFace to Sec (°)	Risk
11280.00	10373.82	28.09	17.59	Poker Lake Unit CVX JV BS #027H (s)	1309.36	38.46	1275.32	352.31	
11310.00	10373.86	28.41	17.68	Poker Lake Unit CVX JV BS #027H (s)	1337.17	39.25	1303.10	352.35	
11340.00	10373.91	28.74	17.78	Poker Lake Unit CVX JV BS #027H (s)	1365.06	40.04	1330.96	352.38	
11370.00	10373.95	29.08	17.88	Poker Lake Unit #067H (s)	1793.79	39.80	1748.72	277.07	
11400.00	10374.00	29.41	17.98	Poker Lake Unit #067H (s)	1763.89	39.12	1718.81	276.94	
11430.00	10374.04	29.76	18.09	Poker Lake Unit #067H (s)	1733.99	38.45	1688.90	276.81	
11460.00	10374.09	30.11	18.19	Poker Lake Unit #067H (s)	1704.10	37.78	1658.99	276.69	
11490.00	10374.13	30.46	18.30	Poker Lake Unit #067H (s)	1674.21	37.10	1629.09	276.56	
11520.00	10374.18	30.81	18.41	Poker Lake Unit #067H (s)	1644.33	36.42	1599.18	276.43	
11550.00	10374.22	31.17	18.52	Poker Lake Unit #067H (s)	1614.45	35.75	1569.28	276.31	
11580.00	10374.27	31.53	18.63	Poker Lake Unit #067H (s)	1584.57	35.07	1539.39	276.18	
11610.00	10374.32	31.89	18.74	Poker Lake Unit #067H (s)	1554.70	34.40	1509.50	276.05	
11640.00	10374.36	32.26	18.86	Poker Lake Unit #067H (s)	1524.83	33.73	1479.62	275.92	
11670.00	10374.41	32.64	18.97	Poker Lake Unit #067H (s)	1494.97	33.05	1449.74	275.80	
11700.00	10374.45	33.00	19.08	Poker Lake Unit #067H (s)	1465.11	32.38	1419.87	275.67	
11730.00	10374.50	33.38	19.19	Poker Lake Unit #067H (s)	1435.26	31.71	1390.01	275.54	
11760.00	10374.54	33.76	19.31	Poker Lake Unit #067H (s)	1405.42	31.05	1360.15	275.41	
11790.00	10374.59	34.14	19.46	Poker Lake Unit #067H (s)	1375.58	30.37	1330.28	275.29	
11820.00	10374.63	34.52	19.60	Poker Lake Unit #067H (s)	1345.75	29.68	1300.41	275.16	
11850.00	10374.68	34.91	19.75	Poker Lake Unit #067H (s)	1315.93	28.99	1270.54	275.03	
11880.00	10374.72	35.30	19.90	Poker Lake Unit #067H (s)	1286.12	28.31	1240.68	274.90	
11910.00	10374.77	35.69	20.04	Poker Lake Unit #067H (s)	1256.31	27.63	1210.84	274.77	
11940.00	10374.81	36.09	20.17	Poker Lake Unit #067H (s)	1226.52	26.95	1181.01	274.65	
11970.00	10374.86	36.48	20.28	Poker Lake Unit #067H (s)	1196.73	26.29	1151.22	274.52	
12000.00	10374.90	36.88	20.40	Poker Lake Unit #067H (s)	1166.95	25.65	1121.46	274.39	
12030.00	10374.95	37.28	20.59	Poker Lake Unit #067H (s)	1137.19	24.94	1091.60	274.26	
12060.00	10374.99	37.68	20.68	Poker Lake Unit #067H (s)	1107.44	24.32	1061.91	274.13	
12090.00	10375.04	38.08	20.82	Poker Lake Unit #067H (s)	1077.70	23.61	1032.05	274.00	
12120.00	10375.08	38.49	20.97	Poker Lake Unit #067H (s)	1047.98	22.91	1002.24	273.88	
12150.00	10375.13	38.90	21.11	Poker Lake Unit #067H (s)	1018.28	22.24	972.49	273.75	
12180.00	10375.17	39.30	21.30	Poker Lake Unit #067H (s)	988.59	21.56	942.74	273.62	
12210.00	10375.22	39.71	21.44	Poker Lake Unit #067H (s)	958.92	20.89	913.03	273.49	
12240.00	10375.26	40.13	21.60	Poker Lake Unit #067H (s)	929.27	20.24	883.36	273.36	
12270.00	10375.31	40.54	21.69	Poker Lake Unit #067H (s)	899.65	19.55	853.62	273.23	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (P) (TVD Relative to Kelly Bushing, All Azimuth Relative to GRID NORTH)									
MD (USft)	TVD (USft)	S.Major (USft)	S.Minor (USft)	Nearest Well	CE (USft)	SF	ES (USft)	T.Facet to Sec (°)	Risk
12300.00	10375.35	40.95	21.87	Poker Lake Unit #067H (s)	870.05	18.87	823.93	273.10	
12330.00	10375.40	41.37	22.05	Poker Lake Unit #067H (s)	840.48	18.19	794.27	272.97	
12360.00	10375.44	41.79	22.22	Poker Lake Unit #067H (s)	810.94	17.51	764.64	272.84	
12390.00	10375.49	42.20	22.37	Poker Lake Unit #067H (s)	781.44	16.84	735.04	272.72	
12420.00	10375.53	42.63	22.52	Poker Lake Unit #067H (s)	751.97	16.17	705.47	272.59	
12450.00	10375.58	43.05	22.67	Poker Lake Unit #067H (s)	722.55	15.50	675.93	272.46	
12480.00	10375.62	43.47	22.82	Poker Lake Unit #067H (s)	693.18	14.83	646.45	272.33	
12510.00	10375.67	43.89	22.97	Poker Lake Unit #067H (s)	663.86	14.15	616.96	272.20	
12540.00	10375.72	44.32	23.12	Poker Lake Unit #067H (s)	634.61	13.47	587.51	272.07	
12570.00	10375.76	44.75	23.27	Poker Lake Unit #067H (s)	605.43	12.79	558.09	271.94	
12600.00	10375.81	45.17	23.42	Poker Lake Unit #067H (s)	576.34	12.11	528.75	271.81	
12630.00	10375.85	45.61	23.57	Poker Lake Unit #067H (s)	547.34	11.43	499.45	271.68	
12660.00	10375.90	46.04	23.73	Poker Lake Unit #067H (s)	518.46	10.75	470.22	271.55	
12690.00	10375.94	46.46	23.89	Poker Lake Unit #067H (s)	489.71	10.07	441.10	271.42	
12720.00	10375.99	46.90	24.06	Poker Lake Unit #067H (s)	461.12	9.39	412.01	271.29	
12750.00	10376.03	47.33	24.24	Poker Lake Unit #067H (s)	432.73	8.70	383.01	271.16	
12780.00	10376.08	47.76	24.41	Poker Lake Unit #067H (s)	404.56	8.03	354.19	271.03	
12810.00	10376.12	48.20	24.58	Poker Lake Unit #067H (s)	376.67	7.37	325.60	270.90	
12840.00	10376.17	48.64	24.76	Poker Lake Unit #067H (s)	349.14	6.72	297.19	270.77	
12870.00	10376.21	49.07	24.93	Poker Lake Unit #067H (s)	322.05	6.05	268.83	270.64	
12900.00	10376.26	49.51	25.10	Poker Lake Unit #067H (s)	295.52	5.41	240.87	270.51	
12930.00	10376.30	49.95	25.28	Poker Lake Unit #067H (s)	269.71	4.79	213.41	270.38	
12960.00	10376.35	50.39	25.45	Poker Lake Unit #067H (s)	244.87	4.19	186.41	270.25	
12990.00	10376.39	50.82	25.63	Poker Lake Unit #067H (s)	221.30	3.63	160.34	270.12	
13020.00	10376.44	51.27	25.80	Poker Lake Unit #067H (s)	199.47	3.12	135.45	269.99	
13050.00	10376.48	51.71	25.98	Poker Lake Unit #067H (s)	180.00	2.67	112.56	269.86	
13080.00	10376.53	52.15	26.16	Poker Lake Unit #067H (s)	163.75	2.30	92.60	269.73	
13110.00	10376.57	52.59	26.33	Poker Lake Unit #067H (s)	151.75	2.04	77.21	269.60	
13140.00	10376.62	53.04	26.51	Poker Lake Unit #067H (s)	145.06	1.89	68.21	269.47	SF (Lo)
13170.00	10376.66	53.48	26.69	Poker Lake Unit #067H (s)	144.42	1.86	66.94	269.34	SF (Lo)
13200.00	10376.71	53.92	26.87	Poker Lake Unit #067H (s)	149.90	1.97	73.64	269.21	SF (Lo)
13230.00	10376.75	54.37	27.05	Poker Lake Unit #067H (s)	160.88	2.18	87.08	269.08	
13260.00	10376.80	54.82	27.23	Poker Lake Unit #067H (s)	176.34	2.50	105.86	268.94	
13290.00	10376.84	55.26	27.41	Poker Lake Unit #067H (s)	195.21	2.89	127.74	268.81	
13320.00	10376.89	55.71	27.59	Poker Lake Unit #067H (s)	216.61	3.36	152.08	268.68	
13350.00	10376.93	56.16	27.77	Poker Lake Unit #067H (s)	239.86	3.87	177.88	268.55	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (P) (TVD Relative to Kelly Bushing / All Azimuth Relative to GRID NORTH)									
MD (USft)	TVD (USft)	S.Major (USft)	S.Minor (USft)	Nearest Well	CE (USft)	SF	ES (USft)	T.Face to Sec (°)	Risk
13380.00	10376.98	56.60	27.95	Poker Lake Unit #067H (s)	264.47	4.41	204.56	268.42	
13410.00	10377.02	57.06	28.14	Poker Lake Unit #067H (s)	290.09	4.99	232.01	268.29	
13440.00	10377.07	57.51	28.32	Poker Lake Unit #067H (s)	316.49	5.60	259.95	268.16	
13470.00	10377.12	57.95	28.50	Poker Lake Unit #067H (s)	343.48	6.21	288.15	268.03	
13500.00	10377.16	58.40	28.69	Poker Lake Unit #067H (s)	370.93	6.83	316.61	267.90	
13530.00	10377.21	58.86	28.87	Poker Lake Unit #067H (s)	398.75	7.47	345.33	267.77	
13560.00	10377.25	59.31	29.06	Poker Lake Unit #067H (s)	426.86	8.11	374.24	267.64	
13590.00	10377.30	59.76	29.24	Poker Lake Unit #067H (s)	455.21	8.75	403.19	267.51	
13620.00	10377.34	60.21	29.43	Poker Lake Unit #067H (s)	483.76	9.40	432.28	267.38	
13650.00	10377.39	60.67	29.62	Poker Lake Unit #067H (s)	512.48	10.05	461.50	267.25	
13680.00	10377.43	61.11	29.80	Poker Lake Unit #067H (s)	541.34	10.71	490.81	267.11	
13710.00	10377.48	61.57	29.99	Poker Lake Unit #067H (s)	570.31	11.37	520.15	266.98	
13740.00	10377.52	62.03	30.18	Poker Lake Unit #067H (s)	599.39	12.03	549.56	266.85	
13770.00	10377.57	62.48	30.36	Poker Lake Unit #067H (s)	628.55	12.68	578.97	266.72	
13800.00	10377.61	62.94	30.55	Poker Lake Unit #067H (s)	657.79	13.32	608.41	266.59	
13830.00	10377.66	63.39	30.74	Poker Lake Unit #067H (s)	687.09	13.97	637.90	266.46	
13860.00	10377.70	63.85	30.93	Poker Lake Unit #067H (s)	716.45	14.62	667.44	266.33	
13890.00	10377.75	64.30	31.12	Poker Lake Unit #067H (s)	745.86	15.27	697.02	266.20	
13920.00	10377.79	64.76	31.31	Poker Lake Unit #067H (s)	775.32	15.92	726.63	266.07	
13950.00	10377.84	65.22	31.50	Poker Lake Unit #067H (s)	804.81	16.58	756.27	265.94	
13980.00	10377.88	65.67	31.69	Poker Lake Unit #067H (s)	834.34	17.24	785.94	265.81	
14010.00	10377.93	66.13	31.88	Poker Lake Unit #067H (s)	863.91	17.89	815.63	265.68	
14040.00	10377.97	66.59	32.08	Poker Lake Unit #067H (s)	893.50	18.55	845.34	265.55	
14070.00	10378.02	67.05	32.27	Poker Lake Unit #067H (s)	923.12	19.21	875.07	265.41	
14100.00	10378.06	67.51	32.46	Poker Lake Unit #067H (s)	952.76	19.87	904.82	265.28	
14130.00	10378.11	67.97	32.65	Poker Lake Unit #067H (s)	982.43	20.52	934.56	265.15	
14160.00	10378.15	68.42	32.84	Poker Lake Unit #067H (s)	1012.11	21.17	964.30	265.02	
14190.00	10378.20	68.89	33.04	Poker Lake Unit #067H (s)	1041.81	21.81	994.05	264.89	
14220.00	10378.24	69.35	33.23	Poker Lake Unit #067H (s)	1071.53	22.46	1023.82	264.76	
14250.00	10378.29	69.81	33.43	Poker Lake Unit #067H (s)	1101.27	23.10	1053.60	264.63	
14280.00	10378.33	70.26	33.62	Poker Lake Unit #067H (s)	1131.01	23.75	1083.39	264.50	
14310.00	10378.38	70.73	33.82	Poker Lake Unit #067H (s)	1160.77	24.40	1113.19	264.37	
14340.00	10378.42	71.19	34.01	Poker Lake Unit #067H (s)	1190.55	25.04	1143.00	264.24	
14370.00	10378.47	71.65	34.20	Poker Lake Unit #067H (s)	1220.33	25.69	1172.83	264.11	
14400.00	10378.52	72.11	34.40	Poker Lake Unit #067H (s)	1250.12	26.33	1202.65	263.98	
14430.00	10378.56	72.57	34.60	Poker Lake Unit #067H (s)	1279.93	26.98	1232.49	263.85	

5D Anti-Collision Report

Primary Wellbore: Poker Lake Unit CVX JV BS #030H (p) (TVD Relative to Kelly Bushing); All Azimuth Relative to GRID NORTH								
MD (USft)	TVD (USft)	S-Major (USft)	S-Minor (USft)	Nearest Well	CE (USft)	SF	ES (USft)	T-Face to Sec (°)
14460.00	10378.61	73.03	34.79	Poker Lake Unit #067H (s)	1309.74	27.63	1262.33	263.72
14490.00	10378.65	73.50	34.99	Poker Lake Unit #067H (s)	1339.56	28.27	1292.18	263.59
14520.00	10378.70	73.96	35.19	Poker Lake Unit #067H (s)	1369.39	28.92	1322.04	263.46
14550.00	10378.74	74.42	35.38	Poker Lake Unit #067H (s)	1399.22	29.57	1351.90	263.33
14580.00	10378.79	74.89	35.58	Poker Lake Unit #067H (s)	1429.07	30.21	1381.77	263.19
14610.00	10378.83	75.35	35.78	Poker Lake Unit #067H (s)	1458.92	30.86	1411.64	263.06
14640.00	10378.88	75.82	35.97	Poker Lake Unit #067H (s)	1488.77	31.51	1441.52	262.93
14670.00	10378.92	76.28	36.17	Poker Lake Unit #067H (s)	1518.63	32.15	1471.40	262.80
14700.00	10378.97	76.74	36.37	Poker Lake Unit #067H (s)	1548.50	32.79	1501.28	262.67
14730.00	10379.01	77.21	36.57	Poker Lake Unit #067H (s)	1578.37	33.43	1531.16	262.54
14760.00	10379.06	77.67	36.77	Poker Lake Unit #067H (s)	1608.24	34.07	1561.04	262.41
14790.00	10379.10	78.14	36.97	Poker Lake Unit #067H (s)	1638.12	34.71	1590.93	262.28
14820.00	10379.15	78.60	37.16	Poker Lake Unit #067H (s)	1668.01	35.35	1620.82	262.15
14850.00	10379.19	79.07	37.36	Poker Lake Unit #067H (s)	1697.90	35.99	1650.72	262.02
14880.00	10379.24	79.53	37.56	Poker Lake Unit #067H (s)	1727.79	36.63	1680.62	261.89
14910.00	10379.28	80.00	37.76	Poker Lake Unit #067H (s)	1757.68	37.27	1710.52	261.76
14940.00	10379.33	80.46	37.96	Poker Lake Unit #067H (s)	1787.58	37.91	1740.43	261.63
14970.00	10379.37	80.93	38.16	Poker Lake Unit #067H (s)	1817.49	38.54	1770.33	261.50
15000.00	10379.42	81.40	38.36	Poker Lake Unit #067H (s)	1847.39	39.18	1800.24	261.37
15030.00	10379.46	81.86	38.56	Poker Lake Unit #067H (s)	1877.30	39.82	1830.15	261.24
15060.00	10379.51	82.33	38.76	Poker Lake Unit #067H (s)	1907.21	40.46	1860.07	261.11
15090.00	10379.55	82.80	38.97	Poker Lake Unit #067H (s)	1937.12	41.09	1889.98	260.98
15120.00	10379.60	83.26	39.17	Poker Lake Unit #067H (s)	1967.04	41.72	1919.90	260.86
15150.00	10379.64	83.73	39.37	Poker Lake Unit #067H (s)	1996.96	42.35	1949.81	260.73
15180.00	10379.69	84.20	39.57	Poker Lake Unit #067H (s)	2026.88	42.98	1979.72	260.60
15210.00	10379.73	84.67	39.77	Poker Lake Unit #067H (s)	2056.81	43.60	2009.63	260.47
15240.00	10379.78	85.13	39.97	Poker Lake Unit #067H (s)	2086.73	44.23	2039.55	260.34
15270.00	10379.82	85.60	40.18	Poker Lake Unit #067H (s)	2116.66	44.85	2069.46	260.21
15300.00	10379.87	86.07	40.38	Poker Lake Unit #067H (s)	2146.59	45.47	2099.38	260.08
15330.00	10379.92	86.54	40.58	Poker Lake Unit #067H (s)	2176.52	46.10	2129.30	259.95
15360.00	10379.96	87.00	40.78	Poker Lake Unit #067H (s)	2206.45	46.72	2159.23	259.82
15390.00	10380.01	87.47	40.99	Poker Lake Unit #067H (s)	2236.39	47.34	2189.15	259.69
15420.00	10380.05	87.94	41.19	Poker Lake Unit #067H (s)	2266.33	47.96	2219.07	259.56
15450.00	10380.10	88.41	41.39	Poker Lake Unit #067H (s)	2296.26	48.58	2249.00	259.43
15480.00	10380.14	88.88	41.60	Poker Lake Unit #067H (s)	2326.20	49.21	2278.93	259.31
15510.00	10380.19	89.35	41.80	Poker Lake Unit #067H (s)	2356.15	49.83	2308.86	259.18

5D Anti-Collision Report

Primary Well 8: Poker Lake Unit CVX JV US #030H (P) (AVD Relative to Kelly Bushing; All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	S Major (US ft)	S Minor (US ft)	Nearest Well	GC (US ft)	SF	ES (US ft)	Face to See (°)	REL
16620.00	10381.86	106.79	49.43	Poker Lake Unit #067H (s)	3464.67	72.41	3416.82	254.48	
16650.00	10381.90	107.26	49.64	Poker Lake Unit #067H (s)	3494.64	73.01	3446.78	254.35	
16680.00	10381.95	107.73	49.85	Poker Lake Unit #067H (s)	3524.61	73.61	3476.73	254.23	
16710.00	10381.99	108.21	50.06	Poker Lake Unit #067H (s)	3554.59	74.21	3506.69	254.10	
16740.00	10382.04	108.68	50.27	Poker Lake Unit #067H (s)	3584.56	74.81	3536.65	253.98	
16770.00	10382.08	109.15	50.48	Poker Lake Unit #067H (s)	3614.53	75.41	3566.60	253.85	
16800.00	10382.13	109.63	50.69	Poker Lake Unit #067H (s)	3644.51	76.00	3596.56	253.73	
16830.00	10382.17	110.10	50.89	Poker Lake Unit #067H (s)	3674.48	76.60	3626.51	253.60	
16860.00	10382.22	110.57	51.11	Poker Lake Unit #067H (s)	3704.46	77.20	3656.47	253.48	
16890.00	10382.26	111.05	51.31	Poker Lake Unit #067H (s)	3734.44	77.79	3686.43	253.36	
16920.00	10382.31	111.52	51.52	Poker Lake Unit #067H (s)	3764.41	78.39	3716.39	253.23	
16950.00	10382.35	111.99	51.73	Poker Lake Unit #067H (s)	3794.39	78.98	3746.34	253.11	
16980.00	10382.40	112.47	51.94	Poker Lake Unit #067H (s)	3824.36	79.57	3776.30	252.99	
17010.00	10382.44	112.94	52.15	Poker Lake Unit #067H (s)	3854.34	80.16	3806.26	252.86	
17040.00	10382.49	113.42	52.36	Poker Lake Unit #067H (s)	3884.32	80.76	3836.22	252.74	
17070.00	10382.53	113.89	52.57	Poker Lake Unit #067H (s)	3914.30	81.35	3866.18	252.61	
17100.00	10382.58	114.37	52.78	Poker Lake Unit #067H (s)	3944.27	81.94	3896.14	252.49	
17130.00	10382.62	114.84	52.99	Poker Lake Unit #067H (s)	3974.25	82.53	3926.10	252.37	
17160.00	10382.67	115.31	53.20	Poker Lake Unit #067H (s)	4004.23	83.12	3956.06	252.25	
17190.00	10382.72	115.79	53.41	Poker Lake Unit #067H (s)	4034.21	83.71	3986.02	252.12	
17220.00	10382.76	116.26	53.62	Poker Lake Unit #067H (s)	4064.19	84.29	4015.98	252.00	
17250.00	10382.81	116.74	53.83	Poker Lake Unit #067H (s)	4094.17	84.88	4045.93	251.88	
17280.00	10382.85	117.21	54.04	Poker Lake Unit #067H (s)	4124.15	85.47	4075.90	251.76	
17310.00	10382.90	117.69	54.25	Poker Lake Unit #067H (s)	4154.13	86.05	4105.86	251.63	
17340.00	10382.94	118.16	54.46	Poker Lake Unit #067H (s)	4184.11	86.64	4135.82	251.51	
17370.00	10382.99	118.64	54.67	Poker Lake Unit #067H (s)	4214.09	87.22	4165.78	251.39	
17400.00	10383.03	119.11	54.88	Poker Lake Unit #067H (s)	4244.07	87.81	4195.74	251.27	
17430.00	10383.08	119.59	55.10	Poker Lake Unit #067H (s)	4274.05	88.39	4225.70	251.15	
17460.00	10383.12	120.06	55.31	Poker Lake Unit #067H (s)	4304.03	88.97	4255.66	251.02	
17490.00	10383.17	120.54	55.52	Poker Lake Unit #067H (s)	4334.01	89.56	4285.62	250.90	
17520.00	10383.21	121.01	55.73	Poker Lake Unit #067H (s)	4364.00	90.14	4315.58	250.78	
17550.00	10383.26	121.49	55.94	Poker Lake Unit #067H (s)	4393.98	90.72	4345.54	250.66	
17580.00	10383.30	121.96	56.15	Poker Lake Unit #067H (s)	4423.96	91.30	4375.50	250.54	
17610.00	10383.35	122.44	56.36	Poker Lake Unit #067H (s)	4453.94	91.88	4405.47	250.42	
17640.00	10383.39	122.91	56.57	Poker Lake Unit #067H (s)	4483.93	92.46	4435.43	250.30	
17670.00	10383.44	123.39	56.78	Poker Lake Unit #067H (s)	4513.91	93.04	4465.39	250.18	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (P) (TVD Relative to Kelly Bushing) All Azimuth Relative to GRID NORTH									
MD (USft)	TVD (USft)	S.Major (USft)	S.Minor (USft)	Nearest Well	CG (USft)	SF	ES (USft)	T.Face to Sec (°)	Risk
17700.00	10383.48	123.86	57.00	Poker Lake Unit #067H (s)	4543.89	93.61	4495.35	250.06	
17730.00	10383.53	124.34	57.21	Poker Lake Unit #067H (s)	4573.87	94.19	4525.31	249.94	
17760.00	10383.57	124.82	57.42	Poker Lake Unit #067H (s)	4603.86	94.77	4555.28	249.81	
17790.00	10383.62	125.29	57.63	Poker Lake Unit #067H (s)	4633.84	95.34	4585.24	249.69	
17820.00	10383.66	125.76	57.84	Poker Lake Unit #067H (s)	4663.83	95.92	4615.20	249.57	
17850.00	10383.71	126.24	58.05	Poker Lake Unit #067H (s)	4693.81	96.49	4645.16	249.45	
17880.00	10383.75	126.72	58.27	Poker Lake Unit #067H (s)	4723.79	97.07	4675.13	249.33	
17910.00	10383.80	127.19	58.48	Poker Lake Unit #067H (s)	4753.78	97.64	4705.09	249.22	
17940.00	10383.84	127.67	58.69	Poker Lake Unit #067H (s)	4783.76	98.21	4735.05	249.10	
17970.00	10383.89	128.15	58.90	Poker Lake Unit #067H (s)	4813.75	98.78	4765.02	248.98	
18000.00	10383.93	128.62	59.11	Poker Lake Unit #067H (s)	4843.73	99.35	4794.98	248.86	
18030.00	10383.98	129.10	59.32	Poker Lake Unit #067H (s)	4873.72	99.92	4824.94	248.74	
18060.00	10384.02	129.57	59.54	Poker Lake Unit #067H (s)	4903.70	100.49	4854.91	248.62	
18090.00	10384.07	130.05	59.75	Poker Lake Unit #067H (s)	4933.69	101.06	4884.87	248.50	
18120.00	10384.11	130.52	59.96	Poker Lake Unit #067H (s)	4963.67	101.63	4914.83	248.38	
18150.00	10384.16	131.00	60.17	Poker Lake Unit #067H (s)	4993.66	102.20	4944.80	248.26	
18180.00	10384.21	131.48	60.39	Poker Lake Unit #067H (s)	5023.64	102.77	4974.76	248.14	
18210.00	10384.25	131.95	60.60	Poker Lake Unit #067H (s)	5053.63	103.33	5004.72	248.03	
18240.00	10384.30	132.43	60.81	Poker Lake Unit #067H (s)	5083.62	103.90	5034.69	247.91	
18270.00	10384.34	132.91	61.02	Poker Lake Unit #067H (s)	5113.60	104.46	5064.65	247.79	
18300.00	10384.39	133.38	61.24	Poker Lake Unit #067H (s)	5143.59	105.03	5094.61	247.67	
18330.00	10384.43	133.86	61.45	Poker Lake Unit #067H (s)	5173.57	105.59	5124.58	247.56	
18360.00	10384.48	134.34	61.66	Poker Lake Unit #067H (s)	5203.56	106.15	5154.54	247.44	
18390.00	10384.52	134.81	61.87	Poker Lake Unit #067H (s)	5233.55	106.72	5184.51	247.32	
18420.00	10384.57	135.29	62.09	Poker Lake Unit #067H (s)	5263.53	107.28	5214.47	247.20	
18450.00	10384.61	135.77	62.30	Poker Lake Unit #067H (s)	5293.52	107.84	5244.43	247.09	
18480.00	10384.66	136.24	62.51	Poker Lake Unit #067H (s)	5323.51	108.40	5274.40	246.97	
18510.00	10384.70	136.72	62.72	Poker Lake Unit #067H (s)	5353.50	108.96	5304.36	246.85	
18540.00	10384.75	137.20	62.94	Poker Lake Unit #067H (s)	5383.48	109.52	5334.33	246.74	
18570.00	10384.79	137.67	63.15	Poker Lake Unit #067H (s)	5413.47	110.07	5364.29	246.62	
18600.00	10384.84	138.15	63.36	Poker Lake Unit #067H (s)	5443.46	110.63	5394.26	246.50	
18630.00	10384.88	138.63	63.58	Poker Lake Unit #067H (s)	5473.45	111.19	5424.22	246.39	
18660.00	10384.93	139.10	63.79	Poker Lake Unit #067H (s)	5503.43	111.74	5454.18	246.27	
18690.00	10384.97	139.58	64.00	Poker Lake Unit #067H (s)	5533.42	112.30	5484.15	246.16	
18720.00	10385.02	140.06	64.22	Poker Lake Unit #067H (s)	5563.41	112.85	5514.11	246.04	
18750.00	10385.06	140.53	64.43	Poker Lake Unit #067H (s)	5593.40	113.41	5544.08	245.93	

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (NVD Relative to Kelly Bushing / All Azimuth Relative to GRID NORTH)								
MD (US ft)	IVD (US ft)	S Major (US ft)	S Minor (US ft)	Nearest Well	GC (US ft)	SF	ES (US ft)	T. Rate to Sec. (°)
18780.00	10385.11	141.01	64.64	Poker Lake Unit #067H (s)	5623.39	113.96	5574.04	245.81
18810.00	10385.15	141.49	64.86	Poker Lake Unit #067H (s)	5653.37	114.51	5604.01	245.70
18840.00	10385.20	141.97	65.07	Poker Lake Unit #067H (s)	5683.36	115.07	5633.97	245.58
18870.00	10385.24	142.44	65.28	Poker Lake Unit #067H (s)	5713.35	115.62	5663.94	245.47
18900.00	10385.29	142.92	65.50	Poker Lake Unit #067H (s)	5743.34	116.17	5693.90	245.35
18930.00	10385.33	143.40	65.71	Poker Lake Unit #067H (s)	5773.33	116.72	5723.87	245.24
18960.00	10385.38	143.87	65.92	Poker Lake Unit #067H (s)	5803.32	117.27	5753.83	245.13
18990.00	10385.42	144.35	66.14	Poker Lake Unit #067H (s)	5833.31	117.82	5783.79	245.01
19020.00	10385.47	144.83	66.35	Poker Lake Unit #067H (s)	5863.30	118.36	5813.76	244.90
19050.00	10385.51	145.31	66.57	Poker Lake Unit #067H (s)	5893.29	118.91	5843.72	244.78
19080.00	10385.56	145.78	66.78	Poker Lake Unit #067H (s)	5923.27	119.46	5873.69	244.67
19110.00	10385.61	146.26	66.99	Poker Lake Unit #067H (s)	5953.26	120.00	5903.65	244.56
19140.00	10385.65	146.74	67.21	Poker Lake Unit #067H (s)	5983.25	120.55	5933.62	244.44
19170.00	10385.70	147.22	67.42	Poker Lake Unit #067H (s)	6013.24	121.09	5963.58	244.33
19200.00	10385.74	147.69	67.63	Poker Lake Unit #067H (s)	6043.23	121.64	5993.55	244.22
19230.00	10385.79	148.17	67.85	Poker Lake Unit #067H (s)	6073.22	122.18	6023.51	244.11
19260.00	10385.83	148.65	68.06	Poker Lake Unit #067H (s)	6103.21	122.72	6053.48	243.99
19290.00	10385.88	149.12	68.28	Poker Lake Unit #067H (s)	6133.20	123.26	6083.44	243.88
19320.00	10385.92	149.60	68.49	Poker Lake Unit #067H (s)	6163.19	123.80	6113.41	243.77
19350.00	10385.97	150.08	68.70	Poker Lake Unit #067H (s)	6193.18	124.34	6143.37	243.66
19380.00	10386.01	150.56	68.92	Poker Lake Unit #067H (s)	6223.17	124.88	6173.34	243.55
19410.00	10386.06	151.04	69.13	Poker Lake Unit #067H (s)	6253.16	125.42	6203.30	243.44
19440.00	10386.10	151.52	69.35	Poker Lake Unit #067H (s)	6283.15	125.96	6233.27	243.32
19470.00	10386.15	151.99	69.56	Poker Lake Unit #067H (s)	6313.14	126.50	6263.23	243.21
19500.00	10386.19	152.47	69.77	Poker Lake Unit #067H (s)	6343.13	127.03	6293.20	243.10
19530.00	10386.24	152.95	69.99	Poker Lake Unit #067H (s)	6373.12	127.57	6323.16	242.99
19560.00	10386.28	153.43	70.20	Poker Lake Unit #067H (s)	6403.11	128.10	6353.13	242.88
19590.00	10386.33	153.90	70.42	Poker Lake Unit #067H (s)	6433.10	128.64	6383.09	242.77
19620.00	10386.37	154.38	70.63	Poker Lake Unit #067H (s)	6463.09	129.17	6413.06	242.66
19650.00	10386.42	154.86	70.85	Poker Lake Unit #067H (s)	6493.09	129.70	6443.02	242.55
19680.00	10386.46	155.34	71.06	Poker Lake Unit #067H (s)	6523.08	130.24	6472.99	242.44
19710.00	10386.51	155.82	71.28	Poker Lake Unit #067H (s)	6553.07	130.77	6502.95	242.33
19740.00	10386.55	156.29	71.49	Poker Lake Unit #067H (s)	6583.06	131.30	6532.92	242.22
19770.00	10386.60	156.77	71.70	Poker Lake Unit #067H (s)	6613.05	131.83	6562.88	242.11
19800.00	10386.64	157.25	71.92	Poker Lake Unit #067H (s)	6643.04	132.36	6592.85	242.00
19830.00	10386.69	157.73	72.13	Poker Lake Unit #067H (s)	6673.03	132.89	6622.82	241.89

5D Anti-Collision Report

Primary Well: Poker Lake Unit CVX JV BS #030H (p) (TVD Relative to Kelly Bushing / All Azimuth Relative to GRID NORTH)									
PR MD (USft)	TVD (USft)	S.Major (USft)	S.Minor (USft)	Nearest Well	CC (USft)	SF	ES (USft)	T.Facet to Sec (°)	Risk
19860.00	10386.73	158.21	72.35	Poker Lake Unit #067H (s)	6703.02	133.42	6652.78	241.79	
19890.00	10386.78	158.68	72.56	Poker Lake Unit #067H (s)	6733.01	133.94	6682.75	241.68	
19920.00	10386.82	159.16	72.78	Poker Lake Unit #067H (s)	6763.00	134.47	6712.71	241.57	
19950.00	10386.87	159.64	72.99	Poker Lake Unit #067H (s)	6793.00	135.00	6742.68	241.46	
19980.00	10386.91	160.12	73.21	Poker Lake Unit #067H (s)	6822.99	135.52	6772.64	241.35	
20010.00	10386.96	160.60	73.42	Poker Lake Unit #067H (s)	6852.98	136.04	6802.61	241.24	
20036.52	10387.00	161.02	73.61	Poker Lake Unit #067H (s)	6879.49	136.51	6829.10	241.15	

Secondary Well: Poker Lake Unit CVX JV BS #027H (s) (TVD Relative to Kelly Bushing (Primary) / All Azimuth Relative to GRID NORTH)									
PR MD (USft)	TVD (USft)	Sec MD (USft)	T.Facet to Sec (°)	S.Major (USft)	S.Minor (USft)	CC (USft)	ES (USft)	SF	Risk
0.00	-0.00	1.00	90.14	0.13	0.13	40.00	39.25	53.15	
30.00	30.00	31.00	72.93	0.73	0.73	40.00	38.46	26.06	
60.00	60.00	61.00	72.95	1.02	1.02	39.99	38.09	20.99	
90.00	90.00	91.00	72.99	1.25	1.25	39.99	37.80	18.25	
120.00	120.00	121.00	73.05	1.44	1.44	39.98	37.55	16.44	
150.00	149.99	150.99	73.12	1.61	1.61	39.97	37.32	15.12	
180.00	179.99	180.99	73.21	1.76	1.76	39.95	37.12	14.09	
210.00	209.99	210.99	73.31	1.90	1.90	39.94	36.92	13.26	
240.00	239.99	240.99	73.43	2.03	2.03	39.92	36.74	12.57	
270.00	269.99	270.99	73.56	2.15	2.15	39.90	36.57	11.98	
300.00	299.99	300.99	73.71	2.27	2.27	39.87	36.40	11.47	
330.00	329.99	330.99	73.88	2.38	2.38	39.85	36.23	11.02	
360.00	359.99	360.99	74.06	2.48	2.48	39.82	36.07	10.62	
390.00	389.98	390.98	74.26	2.59	2.58	39.79	35.91	10.27	
420.00	419.98	420.98	74.47	2.68	2.68	39.76	35.76	9.95	
450.00	449.98	450.98	74.70	2.78	2.77	39.72	35.61	9.66	
480.00	479.98	480.98	74.95	2.87	2.87	39.69	35.46	9.39	
510.00	509.98	510.98	75.21	2.96	2.95	39.65	35.32	9.15	
540.00	539.98	540.98	75.49	3.04	3.04	39.61	35.17	8.91	
570.00	569.98	570.98	75.79	3.12	3.12	39.57	35.02	8.70	
600.00	599.97	600.97	76.10	3.21	3.20	39.53	34.88	8.49	
630.00	629.97	630.97	76.44	3.28	3.28	39.49	34.74	8.31	
660.00	659.97	660.97	76.78	3.36	3.36	39.45	34.60	8.13	
690.00	689.97	690.97	77.15	3.44	3.43	39.41	34.46	7.96	
720.00	719.97	720.97	77.53	3.51	3.51	39.37	34.32	7.80	
750.00	749.96	750.96	77.92	3.58	3.58	39.33	34.19	7.65	
780.00	779.96	780.96	78.34	3.65	3.65	39.29	34.06	7.51	
810.00	809.96	810.96	78.77	3.72	3.72	39.24	33.93	7.38	
840.00	839.96	840.96	79.22	3.79	3.79	39.20	33.80	7.25	
870.00	869.95	870.95	79.69	3.86	3.86	39.17	33.68	7.13	
900.00	899.95	900.95	80.17	3.92	3.92	39.13	33.55	7.02	
929.00	928.95	929.95	80.66	3.99	3.98	39.09	33.44	6.92	
930.00	929.95	930.95	80.66	3.99	3.99	39.09	33.43	6.91	
960.00	959.94	960.94	80.81	4.05	4.05	39.05	33.26	6.74	
990.00	989.94	990.94	81.15	4.12	4.11	39.00	33.08	6.59	
1020.00	1019.93	1020.93	81.66	4.18	4.17	38.95	32.91	6.44	
1024.00	1023.93	1024.93	81.74	4.19	4.18	38.94	32.88	6.43	
1050.00	1049.93	1050.93	87.82	4.24	4.24	38.92	32.76	6.31	
1080.00	1079.93	1080.93	99.52	4.30	4.30	38.97	32.69	6.21	
1110.00	1109.92	1110.92	123.11	4.36	4.35	39.08	32.69	6.11	
1119.00	1118.92	1119.92	134.06	4.38	4.37	39.13	32.70	6.09	
1140.00	1139.92	1140.92	138.16	4.42	4.41	39.26	32.74	6.03	
1170.00	1169.92	1170.92	142.29	4.47	4.47	39.49	32.86	5.96	
1200.00	1199.92	1200.92	145.23	4.53	4.53	39.77	33.03	5.90	

5D Anti-Collision Report

Secondary Well # Packer Lake Unit CVX JV ES #027H (S) (TVD Relative to Kelly Bushing (Primary)) ; All Azimuth Relative to GRID NORTH)									
Prim MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
1214.00	1213.91	1214.92	146.34	4.56	4.55	39.92	33.13	5.88	
1230.00	1229.91	1230.91	147.02	4.59	4.58	40.10	33.25	5.85	
1260.00	1259.91	1260.91	148.20	4.64	4.64	40.47	33.50	5.80	
1290.00	1289.90	1290.90	149.27	4.70	4.69	40.87	33.78	5.76	
1308.00	1307.90	1308.90	149.86	4.73	4.73	41.13	33.96	5.74	
1320.00	1319.90	1320.90	151.25	4.75	4.75	41.29	34.08	5.72	
1350.00	1349.90	1350.90	156.74	4.81	4.80	41.63	34.30	5.68	
1380.00	1379.89	1380.89	171.10	4.86	4.85	41.87	34.43	5.63	
1403.00	1402.89	1403.89	210.33	4.90	4.89	41.98	34.46	5.58	
1410.00	1409.89	1410.89	218.85	4.91	4.91	42.01	34.46	5.56	
1440.00	1439.89	1440.89	240.66	4.96	4.96	42.11	34.45	5.50	
1470.00	1469.89	1470.89	250.21	5.01	5.01	42.22	34.45	5.44	
1498.00	1497.89	1498.89	254.87	5.06	5.06	42.32	34.45	5.38	
1500.00	1499.89	1500.89	254.65	5.07	5.06	42.32	34.45	5.38	
1530.00	1529.89	1530.89	251.43	5.12	5.11	42.44	34.46	5.32	
1560.00	1559.88	1560.88	248.46	5.17	5.16	42.57	34.48	5.26	
1590.00	1589.88	1590.88	245.71	5.21	5.21	42.73	34.53	5.21	
1593.00	1592.88	1593.88	245.45	5.22	5.22	42.74	34.53	5.21	
1620.00	1619.88	1620.88	246.96	5.26	5.26	42.89	34.58	5.16	
1650.00	1649.87	1650.87	248.59	5.31	5.31	43.05	34.63	5.11	
1680.00	1679.87	1680.87	250.18	5.36	5.36	43.20	34.67	5.06	
1689.00	1688.87	1689.87	250.64	5.37	5.37	43.24	34.68	5.05	
1710.00	1709.87	1710.87	249.54	5.41	5.40	43.35	34.71	5.02	
1740.00	1739.86	1740.86	248.09	5.46	5.45	43.52	34.77	4.97	
1770.00	1769.86	1770.86	246.75	5.50	5.50	43.70	34.85	4.93	
1784.00	1783.86	1784.86	246.15	5.52	5.52	43.80	34.89	4.92	
1800.00	1799.86	1800.86	245.33	5.55	5.54	43.91	34.94	4.90	
1830.00	1829.85	1830.85	243.85	5.59	5.59	44.13	35.05	4.86	
1860.00	1859.85	1860.85	242.43	5.64	5.64	44.37	35.18	4.83	
1879.00	1878.84	1879.84	241.55	5.67	5.66	44.52	35.27	4.81	
1890.00	1889.84	1890.84	241.46	5.69	5.68	44.62	35.32	4.80	
1920.00	1919.84	1920.84	241.13	5.73	5.73	44.90	35.50	4.78	
1950.00	1949.83	1950.83	240.73	5.77	5.77	45.20	35.70	4.76	
1974.00	1973.82	1974.82	240.36	5.81	5.81	45.46	35.88	4.74	
1980.00	1979.82	1980.82	239.85	5.82	5.81	45.53	35.92	4.74	
2010.00	2009.81	2010.81	237.48	5.86	5.86	45.90	36.19	4.73	
2040.00	2039.80	2040.81	235.33	5.91	5.90	46.32	36.51	4.72	
2069.00	2068.79	2069.79	233.44	5.95	5.94	46.78	36.88	4.72	
2070.00	2069.79	2070.79	233.04	5.95	5.94	46.80	36.89	4.72	
2100.00	2099.78	2100.78	221.64	5.99	5.99	47.37	37.36	4.73	
2130.00	2129.77	2130.77	211.67	6.04	6.03	48.09	37.96	4.75	
2160.00	2159.75	2160.75	203.28	6.08	6.07	48.94	38.70	4.78	
2165.00	2164.75	2165.75	202.03	6.08	6.08	49.09	38.83	4.79	
2190.00	2189.73	2190.73	200.09	6.12	6.11	49.89	39.54	4.82	
2220.00	2219.71	2220.71	197.90	6.16	6.16	50.89	40.44	4.87	
2250.00	2249.69	2250.69	195.87	6.20	6.20	51.93	41.37	4.92	
2260.00	2259.68	2260.68	195.22	6.22	6.21	52.29	41.70	4.94	
2280.00	2279.67	2280.67	188.89	6.24	6.24	52.99	42.32	4.96	
2310.00	2309.65	2310.65	177.72	6.28	6.28	53.98	43.20	5.01	
2340.00	2339.64	2340.64	164.74	6.33	6.32	54.88	44.00	5.04	
2355.00	2354.63	2355.63	157.87	6.35	6.34	55.30	44.37	5.06	
2370.00	2369.62	2370.62	154.08	6.37	6.36	55.69	44.71	5.07	
2400.00	2399.61	2400.61	143.48	6.41	6.40	56.33	45.24	5.08	
2430.00	2429.61	2430.61	127.03	6.45	6.44	56.78	45.60	5.08	
2450.00	2449.60	2450.60	112.29	6.47	6.47	56.98	45.73	5.07	
2460.00	2459.60	2460.60	109.08	6.49	6.48	57.05	45.77	5.06	
2490.00	2489.60	2490.60	98.65	6.53	6.52	57.22	45.84	5.03	
2520.00	2519.59	2520.59	87.55	6.56	6.56	57.30	45.83	4.99	

5D Anti-Collision Report

Secondary Well H - Poker Lake Unit GVRV ES 027H (S) (TWD Relative to Kelly Bushing (Primary)) (All Azimuth Relative to GRID NORTH)									
PRMD (US ft)	TWD (US ft)	SecMD (US ft)	TRF to Sec (°)	S-Major (US ft)	S-Minor (US ft)	GC (US ft)	ES (US ft)	SF	Risk
2545.00	2544.59	2545.59	78.41	6.60	6.59	57.32	45.76	4.96	
2550.00	2549.59	2550.59	77.43	6.60	6.60	57.31	45.74	4.95	
2580.00	2579.58	2580.59	70.71	6.64	6.64	57.27	45.60	4.90	
2610.00	2609.58	2610.58	62.38	6.68	6.67	57.20	45.43	4.86	
2640.00	2639.58	2640.58	52.41	6.72	6.71	57.10	45.23	4.81	
2670.00	2669.57	2670.58	54.43	6.76	6.75	56.98	45.01	4.76	
2700.00	2699.57	2700.57	56.53	6.79	6.79	56.88	44.80	4.71	
2730.00	2729.57	2730.57	58.71	6.83	6.83	56.79	44.61	4.66	
2735.00	2734.57	2735.57	59.08	6.84	6.83	56.77	44.58	4.66	
2760.00	2759.57	2760.57	57.62	6.87	6.86	56.71	44.42	4.62	
2790.00	2789.56	2790.57	55.80	6.91	6.90	56.62	44.23	4.57	
2820.00	2819.56	2820.56	53.89	6.94	6.94	56.53	44.04	4.53	
2830.00	2829.56	2830.56	53.24	6.96	6.95	56.50	43.98	4.51	
2850.00	2849.56	2850.56	54.52	6.98	6.98	56.44	43.85	4.48	
2880.00	2879.56	2880.56	56.43	7.02	7.01	56.35	43.66	4.44	
2910.00	2909.55	2910.56	58.30	7.05	7.05	56.28	43.48	4.40	
2925.00	2924.55	2925.56	59.23	7.07	7.07	56.24	43.40	4.38	
2940.00	2939.55	2940.56	57.44	7.09	7.08	56.20	43.31	4.36	
2970.00	2969.55	2970.55	53.44	7.13	7.12	56.12	43.14	4.32	
3000.00	2999.55	3000.55	48.85	7.16	7.16	56.04	42.97	4.29	
3020.00	3019.55	3020.55	45.43	7.19	7.18	55.98	42.85	4.26	
3030.00	3029.55	3030.55	45.67	7.20	7.19	55.96	42.78	4.25	
3060.00	3059.54	3060.55	46.38	7.23	7.23	55.87	42.59	4.21	
3090.00	3089.54	3090.55	47.09	7.27	7.26	55.78	42.40	4.17	
3116.00	3115.54	3116.54	47.69	7.30	7.29	55.71	42.24	4.14	
3120.00	3119.54	3120.54	47.42	7.30	7.30	55.69	42.21	4.13	
3150.00	3149.54	3150.54	45.70	7.34	7.33	55.59	42.00	4.09	
3180.00	3179.53	3180.54	44.44	7.37	7.37	55.45	41.77	4.05	
3210.00	3209.53	3210.54	43.51	7.41	7.40	55.28	41.51	4.01	
3211.00	3210.53	3211.54	43.49	7.41	7.40	55.28	41.50	4.01	
3240.00	3239.53	3240.53	42.26	7.44	7.44	55.09	41.23	3.97	
3270.00	3269.53	3270.53	41.08	7.48	7.47	54.89	40.93	3.93	
3300.00	3299.52	3300.53	40.01	7.51	7.51	54.67	40.60	3.89	
3306.00	3305.52	3306.53	39.80	7.52	7.51	54.62	40.54	3.88	
3330.00	3329.52	3330.52	41.22	7.55	7.54	54.44	40.28	3.84	
3360.00	3359.52	3360.52	43.15	7.58	7.57	54.25	39.98	3.80	
3390.00	3389.51	3390.52	45.29	7.61	7.61	54.08	39.72	3.77	
3401.00	3400.51	3401.52	46.13	7.63	7.62	54.02	39.63	3.75	
3420.00	3419.51	3420.52	49.24	7.65	7.64	53.93	39.49	3.73	
3450.00	3449.51	3450.51	54.57	7.68	7.67	53.82	39.29	3.70	
3480.00	3479.51	3480.51	60.41	7.71	7.71	53.74	39.11	3.67	
3496.00	3495.51	3496.51	63.72	7.73	7.73	53.71	39.03	3.66	
3510.00	3509.50	3510.51	63.34	7.75	7.74	53.69	38.96	3.64	
3540.00	3539.50	3540.51	62.55	7.78	7.77	53.64	38.81	3.62	
3570.00	3569.50	3570.51	61.81	7.81	7.81	53.59	38.66	3.59	
3590.00	3589.50	3590.50	61.34	7.83	7.83	53.55	38.56	3.57	
3600.00	3599.50	3600.50	57.89	7.85	7.84	53.53	38.50	3.56	
3630.00	3629.49	3630.50	47.48	7.88	7.87	53.43	38.31	3.53	
3660.00	3659.49	3660.50	37.54	7.91	7.90	53.28	38.08	3.51	
3685.00	3684.49	3685.50	30.00	7.94	7.93	53.13	37.86	3.48	
3690.00	3689.49	3690.50	29.92	7.94	7.94	53.09	37.81	3.47	
3720.00	3719.49	3720.49	29.52	7.97	7.97	52.86	37.47	3.43	
3750.00	3749.48	3750.49	29.26	8.01	8.00	52.59	37.10	3.39	
3780.00	3779.48	3780.49	29.08	8.04	8.03	52.28	36.70	3.36	
3810.00	3809.48	3810.48	12.45	8.07	8.06	51.94	36.28	3.32	
3840.00	3839.47	3840.48	356.32	8.10	8.10	51.56	35.80	3.27	
3870.00	3869.47	3870.48	342.74	8.13	8.13	51.14	35.28	3.22	
3875.00	3874.47	3875.47	340.78	8.14	8.13	51.07	35.19	3.22	

5D Anti-Collision Report

Secondary Wells: Poker Lake Unit CVX JV BS #027H (a) (TVD Relative to Kelly Bushing (Primary)); All Azimuth Relative to GRID NORTH									
Pr MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Fac to Sec (°)	S Major (US ft)	S Minor (US ft)	CE (US ft)	ES (US ft)	SP	RIS
3900.00	3899.46	3900.47	331.10	8.17	8.16	50.74	34.78	3.18	
3930.00	3929.46	3930.47	315.58	8.20	8.19	50.47	34.42	3.14	
3960.00	3959.45	3960.46	296.35	8.23	8.22	50.33	34.19	3.12	
3970.00	3969.45	3970.46	289.62	8.24	8.23	50.31	34.14	3.11	
3990.00	3989.45	3990.46	291.02	8.26	8.25	50.28	34.04	3.10	
4020.00	4019.44	4020.45	292.65	8.29	8.28	50.20	33.87	3.07	
4050.00	4049.44	4050.45	293.83	8.32	8.31	50.10	33.67	3.05	
4065.00	4064.44	4065.44	294.28	8.34	8.33	50.04	33.56	3.04	
4080.00	4079.43	4080.44	294.69	8.35	8.35	49.98	33.44	3.02	
4110.00	4109.42	4110.43	295.26	8.38	8.38	49.82	33.20	3.00	
4140.00	4139.41	4140.42	295.56	8.41	8.41	49.63	32.91	2.97	
4160.00	4159.41	4160.42	295.64	8.43	8.43	49.49	32.72	2.95	
4170.00	4169.40	4170.41	294.26	8.44	8.44	49.43	32.63	2.94	
4200.00	4199.39	4200.40	289.86	8.47	8.47	49.27	32.37	2.92	
4230.00	4229.39	4230.40	285.00	8.50	8.50	49.18	32.20	2.90	
4255.00	4254.38	4255.39	280.57	8.53	8.52	49.15	32.09	2.88	
4260.00	4259.38	4260.39	281.02	8.53	8.53	49.15	32.08	2.88	
4275.00	4274.37	4275.38	282.25	8.55	8.54	49.14	32.03	2.87	
4290.00	4289.37	4290.38	281.23	8.56	8.56	49.13	31.97	2.86	
4320.00	4319.36	4320.37	279.17	8.59	8.59	49.13	31.90	2.85	
4350.00	4349.35	4350.36	277.06	8.62	8.62	49.16	31.81	2.83	
4380.00	4379.34	4380.35	274.90	8.65	8.65	49.21	31.76	2.82	
4386.00	4385.34	4386.35	274.46	8.66	8.65	49.22	31.76	2.82	
4410.00	4409.34	4410.35	276.24	8.68	8.68	49.27	31.74	2.81	
4440.00	4439.33	4440.34	278.63	8.71	8.71	49.32	31.70	2.80	
4470.00	4469.32	4470.33	281.21	8.74	8.73	49.34	31.62	2.78	
4481.00	4480.32	4481.33	282.20	8.75	8.75	49.34	31.58	2.78	
4500.00	4499.31	4500.33	280.28	8.77	8.76	49.35	31.54	2.77	
4530.00	4529.31	4530.32	277.24	8.80	8.79	49.38	31.48	2.76	
4560.00	4559.30	4560.31	274.19	8.83	8.82	49.45	31.45	2.75	
4575.00	4574.30	4575.31	272.67	8.84	8.84	49.49	31.45	2.74	
4590.00	4589.29	4590.31	272.78	8.86	8.85	49.54	31.44	2.74	
4620.00	4619.29	4620.30	272.97	8.89	8.88	49.64	31.44	2.73	
4650.00	4649.28	4650.29	273.13	8.92	8.91	49.73	31.46	2.72	
4670.00	4669.27	4670.29	273.21	8.94	8.93	49.79	31.47	2.72	
4680.00	4679.27	4680.28	273.08	8.94	8.94	49.82	31.49	2.72	
4710.00	4709.26	4710.28	272.69	8.97	8.97	49.92	31.48	2.71	
4740.00	4739.25	4740.27	272.24	9.00	8.99	50.02	31.48	2.70	
4765.00	4764.25	4765.26	271.84	9.03	9.02	50.11	31.49	2.69	
4770.00	4769.24	4770.26	271.73	9.03	9.02	50.13	31.49	2.69	
4800.00	4799.24	4800.25	271.14	9.06	9.05	50.24	31.52	2.68	
4830.00	4829.23	4830.25	270.72	9.09	9.08	50.36	31.56	2.68	
4860.00	4859.23	4860.24	270.50	9.12	9.11	50.49	31.59	2.67	
4890.00	4889.22	4890.24	274.98	9.14	9.14	50.61	31.61	2.66	
4920.00	4919.22	4920.24	279.35	9.17	9.16	50.70	31.60	2.65	
4950.00	4949.22	4950.23	283.55	9.20	9.19	50.76	31.57	2.64	
4955.00	4954.22	4955.23	284.24	9.20	9.20	50.77	31.56	2.64	
4980.00	4979.21	4980.23	284.36	9.23	9.22	50.81	31.52	2.63	
5010.00	5009.21	5010.23	284.51	9.25	9.25	50.86	31.48	2.62	
5040.00	5039.20	5040.22	284.66	9.28	9.27	50.91	31.43	2.61	
5050.00	5049.20	5050.22	284.71	9.29	9.28	50.92	31.42	2.61	
5070.00	5069.20	5070.22	284.13	9.31	9.30	50.96	31.39	2.60	
5100.00	5099.20	5100.22	283.29	9.34	9.33	51.01	31.35	2.59	
5130.00	5129.19	5130.21	282.45	9.36	9.36	51.07	31.32	2.59	
5145.00	5144.19	5145.21	282.04	9.38	9.37	51.10	31.31	2.58	
5160.00	5159.19	5160.21	281.27	9.39	9.38	51.13	31.30	2.58	
5190.00	5189.19	5190.20	279.79	9.42	9.41	51.20	31.28	2.57	
5220.00	5219.18	5220.20	278.40	9.45	9.44	51.28	31.27	2.56	

5D Anti-Collision Report

Secondary Well: Poker Lake Unit CVX JV BS #027H (S) (TVD Relative to Kelly Bushing (Primary)) All Azimuth Relative to GRID NORTH									
PRMD (USF)	TVD (USF)	SecMD (USF)	TRFctoSec (°)	SIMajor (USF)	SIMinor (USF)	CC (USF)	ES (USF)	SF	Risk
5240.00	5239.18	5240.20	277.50	9.46	9.46	51.33	31.27	2.56	
5250.00	5249.18	5250.20	276.68	9.47	9.47	51.36	31.27	2.56	
5280.00	5279.17	5280.19	274.63	9.50	9.49	51.45	31.28	2.55	
5310.00	5309.16	5310.18	272.93	9.53	9.52	51.56	31.30	2.54	
5335.00	5334.15	5335.17	271.64	9.55	9.54	51.65	31.32	2.54	
5340.00	5339.15	5340.17	270.85	9.55	9.55	51.67	31.33	2.54	
5370.00	5369.14	5370.16	265.73	9.58	9.57	51.84	31.40	2.54	
5400.00	5399.13	5400.15	259.76	9.61	9.60	52.06	31.52	2.53	
5430.00	5429.12	5430.14	252.74	9.63	9.63	52.35	31.71	2.54	
5460.00	5459.11	5460.14	251.07	9.66	9.65	52.67	31.94	2.54	
5490.00	5489.11	5490.13	249.30	9.69	9.68	52.99	32.17	2.54	
5520.00	5519.10	5520.12	247.43	9.71	9.71	53.32	32.41	2.55	
5525.00	5524.10	5525.12	247.10	9.72	9.71	53.38	32.45	2.55	
5550.00	5549.10	5550.12	228.03	9.74	9.73	53.65	32.65	2.56	
5580.00	5579.09	5580.12	141.65	9.77	9.76	53.96	32.87	2.56	
5610.00	5609.09	5610.11	106.58	9.79	9.79	54.24	33.07	2.56	
5620.00	5619.08	5620.11	102.89	9.80	9.79	54.33	33.14	2.56	
5640.00	5639.08	5640.10	101.91	9.82	9.81	54.51	33.26	2.57	
5670.00	5669.07	5670.10	100.77	9.85	9.84	54.77	33.45	2.57	
5700.00	5699.06	5700.09	99.95	9.87	9.86	55.04	33.64	2.57	
5715.00	5714.05	5715.08	99.64	9.88	9.88	55.18	33.74	2.57	
5730.00	5729.05	5730.07	99.71	9.90	9.89	55.31	33.83	2.58	
5760.00	5759.04	5760.06	99.85	9.92	9.92	55.58	34.03	2.58	
5790.00	5789.03	5790.05	99.98	9.95	9.94	55.86	34.21	2.58	
5809.00	5808.02	5809.05	100.05	9.97	9.96	56.03	34.32	2.58	
5820.00	5819.02	5820.04	100.74	9.97	9.97	56.13	34.39	2.58	
5850.00	5849.01	5850.03	102.62	10.00	9.99	56.43	34.58	2.58	
5880.00	5878.99	5880.02	104.52	10.03	10.02	56.74	34.80	2.59	
5904.00	5902.99	5904.01	106.05	10.05	10.04	57.01	34.98	2.59	
5910.00	5908.98	5910.01	106.19	10.05	10.04	57.08	35.03	2.59	
5940.00	5938.97	5940.00	106.86	10.08	10.07	57.42	35.28	2.59	
5970.00	5968.96	5969.99	107.50	10.10	10.09	57.76	35.53	2.60	
5999.00	5997.95	5998.98	108.11	10.13	10.12	58.10	35.77	2.60	
6000.00	5998.95	5999.98	108.23	10.13	10.12	58.11	35.78	2.60	
6030.00	6028.95	6029.97	111.97	10.15	10.14	58.47	36.06	2.61	
6060.00	6058.94	6059.97	115.86	10.18	10.17	58.87	36.36	2.62	
6090.00	6088.93	6089.96	119.88	10.20	10.20	59.29	36.70	2.62	
6094.00	6092.93	6093.96	120.43	10.21	10.20	59.35	36.75	2.63	
6120.00	6118.92	6119.95	122.18	10.23	10.22	59.74	37.06	2.63	
6150.00	6148.91	6149.94	124.20	10.25	10.25	60.20	37.44	2.65	
6180.00	6178.90	6179.93	126.22	10.28	10.27	60.68	37.84	2.66	
6189.00	6187.90	6188.93	126.83	10.29	10.28	60.83	37.97	2.66	
6210.00	6208.89	6209.92	128.03	10.30	10.30	61.18	38.26	2.67	
6240.00	6238.88	6239.91	129.70	10.33	10.32	61.69	38.70	2.68	
6270.00	6268.87	6269.91	131.34	10.35	10.34	62.22	39.16	2.70	
6284.00	6282.87	6283.90	132.09	10.36	10.36	62.47	39.37	2.70	
6300.00	6298.86	6299.90	130.97	10.38	10.37	62.76	39.61	2.71	
6330.00	6328.85	6329.89	128.77	10.40	10.39	63.28	40.03	2.72	
6360.00	6358.84	6359.88	126.43	10.43	10.42	63.77	40.44	2.73	
6379.00	6377.84	6378.87	124.89	10.44	10.43	64.07	40.67	2.74	
6390.00	6388.83	6389.87	125.47	10.45	10.44	64.25	40.81	2.74	
6420.00	6418.83	6419.86	127.08	10.48	10.47	64.72	41.19	2.75	
6450.00	6448.82	6449.85	128.72	10.50	10.49	65.20	41.58	2.76	
6474.00	6472.81	6473.85	130.06	10.52	10.51	65.59	41.89	2.77	
6480.00	6478.81	6479.85	129.84	10.52	10.52	65.68	41.97	2.77	
6510.00	6508.80	6509.84	128.74	10.55	10.54	66.17	42.37	2.78	
6540.00	6538.79	6539.83	127.66	10.57	10.57	66.65	42.80	2.79	
6568.00	6566.79	6567.82	126.68	10.60	10.59	67.09	43.11	2.80	

50 Anti-Collision Report

Secondary Wall: Poker Lake Unit CVX JV ES #027H (S) (TVD Relative to Kelly Cushing (Primary)) / All Azimuth Relative to GRID NORTH									
PM MD (US ft)	TVD (US ft)	Sec MD (US ft)	Tr Face to Sec (°)	S-Major (US ft)	S-Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
6570.00	6568.78	6569.82	126.74	10.60	10.59	67.12	43.14	2.80	
6600.00	6598.78	6599.82	127.70	10.62	10.61	67.59	43.53	2.81	
6630.00	6628.77	6629.81	128.69	10.65	10.64	68.06	43.90	2.82	
6660.00	6658.76	6659.80	129.71	10.67	10.66	68.53	44.28	2.83	
6663.00	6661.76	6662.80	129.81	10.67	10.66	68.57	44.31	2.83	
6690.00	6688.75	6689.79	124.72	10.69	10.69	68.97	44.67	2.84	
6720.00	6718.75	6719.79	118.66	10.72	10.71	69.37	44.95	2.84	
6750.00	6748.74	6749.78	112.30	10.74	10.73	69.73	45.22	2.84	
6758.00	6756.74	6757.78	110.58	10.75	10.74	69.82	45.28	2.85	
6780.00	6778.73	6779.78	115.15	10.77	10.76	70.07	45.46	2.85	
6810.00	6808.73	6809.77	121.01	10.79	10.78	70.45	45.76	2.85	
6840.00	6838.72	6839.76	126.39	10.81	10.80	70.88	46.11	2.86	
6853.00	6851.72	6852.76	128.58	10.82	10.81	71.08	46.27	2.87	
6870.00	6868.71	6869.75	127.86	10.84	10.83	71.35	46.49	2.87	
6900.00	6898.70	6899.75	126.54	10.86	10.85	71.81	46.87	2.88	
6930.00	6928.70	6929.74	125.17	10.88	10.88	72.25	47.23	2.89	
6948.00	6946.69	6947.74	124.31	10.90	10.89	72.51	47.44	2.89	
6960.00	6958.69	6959.73	125.81	10.91	10.90	72.69	47.58	2.90	
6990.00	6988.68	6989.73	129.44	10.93	10.92	73.15	47.96	2.90	
7020.00	7018.67	7019.72	132.90	10.95	10.95	73.64	48.36	2.91	
7043.00	7041.67	7042.71	135.42	10.97	10.96	74.03	48.69	2.92	
7050.00	7048.66	7049.71	135.60	10.98	10.97	74.15	48.79	2.92	
7080.00	7078.66	7079.70	136.36	11.00	10.99	74.67	49.22	2.93	
7110.00	7108.65	7109.70	137.17	11.02	11.02	75.18	49.64	2.94	
7138.00	7136.64	7137.69	137.98	11.05	11.04	75.64	50.02	2.95	
7140.00	7138.64	7139.69	138.22	11.05	11.04	75.67	50.05	2.95	
7170.00	7168.63	7169.68	141.82	11.07	11.06	76.16	50.45	2.96	
7200.00	7198.63	7199.68	145.50	11.09	11.09	76.67	50.87	2.97	
7230.00	7228.62	7229.67	149.25	11.12	11.11	77.19	51.30	2.98	
7233.00	7231.62	7232.67	149.62	11.12	11.11	77.24	51.35	2.98	
7260.00	7258.61	7259.66	151.96	11.14	11.13	77.72	51.74	2.99	
7290.00	7288.60	7289.65	154.55	11.16	11.15	78.25	52.19	3.00	
7320.00	7318.59	7319.65	157.12	11.19	11.18	78.80	52.65	3.01	
7329.00	7327.59	7328.64	157.89	11.19	11.18	78.96	52.79	3.02	
7350.00	7348.59	7349.64	157.45	11.21	11.20	79.35	53.12	3.02	
7380.00	7378.58	7379.63	156.81	11.23	11.22	79.90	53.58	3.04	
7410.00	7408.57	7409.63	156.16	11.25	11.25	80.44	54.04	3.05	
7424.00	7422.57	7423.62	155.86	11.27	11.26	80.70	54.26	3.05	
7440.00	7438.56	7439.62	164.79	11.28	11.27	80.98	54.50	3.06	
7470.00	7468.56	7469.61	188.65	11.30	11.29	81.47	54.91	3.07	
7500.00	7498.55	7499.61	217.55	11.32	11.31	81.91	55.27	3.07	
7519.00	7517.54	7518.60	232.99	11.34	11.33	82.17	55.47	3.08	
7530.00	7528.54	7529.60	233.49	11.35	11.34	82.31	55.58	3.08	
7560.00	7558.54	7559.59	234.83	11.37	11.36	82.70	55.89	3.09	
7590.00	7588.53	7589.59	236.12	11.39	11.38	83.08	56.20	3.09	
7614.00	7612.52	7613.58	237.11	11.41	11.40	83.38	56.44	3.09	
7620.00	7618.52	7619.58	238.96	11.41	11.40	83.46	56.50	3.10	
7650.00	7648.51	7649.58	248.80	11.44	11.43	83.80	56.74	3.10	
7680.00	7678.51	7679.57	259.23	11.46	11.45	84.09	56.92	3.10	
7709.00	7707.50	7708.56	269.23	11.48	11.47	84.31	57.06	3.09	
7710.00	7708.50	7709.56	269.30	11.48	11.47	84.32	57.06	3.09	
7740.00	7738.50	7739.56	271.44	11.50	11.49	84.52	57.17	3.09	
7770.00	7768.49	7769.55	273.36	11.52	11.52	84.71	57.27	3.09	
7800.00	7798.48	7799.55	275.10	11.55	11.54	84.89	57.36	3.08	
7804.00	7802.48	7803.55	275.32	11.55	11.54	84.92	57.37	3.08	
7830.00	7828.48	7829.54	275.43	11.57	11.56	85.07	57.45	3.08	
7860.00	7858.47	7859.54	275.56	11.59	11.58	85.24	57.54	3.08	
7890.00	7888.47	7889.53	275.68	11.61	11.60	85.41	57.63	3.07	

5D Anti-Collision Report

Secondary Well: Poker Lake Unit CVX JV BS #027H (S) (NVD Relative to Kelly Bushing (Primary)) / All Azimuth Relative to GRID NORTH									
Pr MD (US ft)	TVD (US ft)	Sec MD (US ft)	True to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SP	Risk
7899.00	7897.46	7898.53	275.72	11.62	11.61	85.47	57.66	3.07	
7920.00	7918.46	7919.53	272.68	11.64	11.63	85.60	57.74	3.07	
7950.00	7948.45	7949.52	268.32	11.66	11.65	85.80	57.87	3.07	
7980.00	7978.45	7979.52	263.96	11.68	11.67	86.04	58.05	3.07	
7994.00	7992.44	7993.51	261.94	11.69	11.68	86.16	58.13	3.07	
8010.00	8008.44	8009.51	261.18	11.70	11.69	86.30	58.22	3.07	
8040.00	8038.43	8039.50	259.78	11.72	11.71	86.58	58.39	3.07	
8070.00	8068.43	8069.50	258.39	11.74	11.74	86.87	58.58	3.07	
8100.00	8098.42	8099.49	257.02	11.77	11.76	87.16	58.78	3.07	
8130.00	8128.41	8129.48	255.66	11.79	11.78	87.47	59.01	3.07	
8160.00	8158.40	8159.48	254.32	11.81	11.80	87.79	59.26	3.08	
8184.00	8182.40	8183.47	253.26	11.83	11.82	88.05	59.48	3.08	
8190.00	8188.40	8189.47	253.26	11.83	11.82	88.12	59.53	3.08	
8220.00	8218.39	8219.46	253.30	11.85	11.84	88.44	59.80	3.09	
8250.00	8248.38	8249.46	253.41	11.88	11.87	88.76	60.01	3.09	
8280.00	8278.37	8279.45	253.59	11.90	11.89	89.07	60.22	3.09	
8310.00	8308.37	8309.45	253.87	11.92	11.91	89.38	60.43	3.09	
8340.00	8338.36	8339.44	254.26	11.94	11.93	89.67	60.64	3.09	
8370.00	8368.36	8369.44	254.80	11.96	11.95	89.96	60.85	3.09	
8375.00	8373.36	8374.43	254.91	11.96	11.96	90.01	60.88	3.09	
8400.00	8398.35	8399.43	250.85	11.98	11.97	90.24	61.06	3.09	
8430.00	8428.35	8429.43	244.05	12.00	11.99	90.54	61.27	3.09	
8460.00	8458.34	8459.42	233.71	12.03	12.02	90.83	61.50	3.10	
8470.00	8468.34	8469.42	229.10	12.03	12.02	90.93	61.57	3.10	
8490.00	8488.34	8489.42	204.54	12.05	12.04	91.16	61.74	3.10	
8520.00	8518.33	8519.41	186.99	12.07	12.06	91.57	62.08	3.10	
8550.00	8548.32	8549.41	178.99	12.09	12.08	92.09	62.51	3.11	
8565.00	8563.32	8564.40	176.50	12.10	12.09	92.38	62.76	3.12	
8580.00	8578.31	8579.40	173.69	12.11	12.10	92.69	63.03	3.12	
8610.00	8608.30	8609.39	169.11	12.13	12.12	93.36	63.61	3.14	
8640.00	8638.29	8639.38	165.60	12.15	12.14	94.08	64.24	3.15	
8660.00	8658.28	8659.37	163.70	12.17	12.16	94.59	64.69	3.16	
8670.00	8668.28	8669.36	166.38	12.17	12.16	94.84	64.92	3.17	
8700.00	8698.26	8699.35	175.58	12.19	12.19	95.59	65.58	3.19	
8730.00	8728.25	8729.34	186.51	12.22	12.21	96.31	66.21	3.20	
8755.00	8753.24	8754.33	196.66	12.23	12.22	96.87	66.70	3.21	
8760.00	8758.24	8759.33	197.60	12.24	12.23	96.98	66.80	3.21	
8790.00	8788.23	8789.32	206.48	12.26	12.25	97.54	67.28	3.22	
8820.00	8818.22	8819.32	230.15	12.28	12.27	97.96	67.62	3.23	
8849.00	8847.22	8848.31	287.35	12.30	12.29	98.22	67.80	3.23	
8850.00	8848.22	8849.31	289.02	12.30	12.29	98.22	67.81	3.23	
8880.00	8878.21	8879.31	352.09	12.32	12.31	98.38	67.88	3.23	
8910.00	8908.21	8909.31	22.05	12.34	12.33	98.45	67.86	3.22	
8940.00	8938.21	8939.30	32.57	12.36	12.35	98.43	67.76	3.21	
8943.00	8941.21	8942.30	33.23	12.36	12.35	98.43	67.75	3.21	
8970.00	8968.20	8969.30	36.28	12.38	12.37	98.35	67.58	3.20	
9000.00	8998.20	8999.30	38.86	12.40	12.39	98.23	67.37	3.18	
9030.00	9028.19	9029.29	40.88	12.42	12.41	98.06	67.12	3.17	
9038.00	9036.19	9037.29	41.35	12.43	12.42	98.01	67.05	3.17	
9060.00	9058.18	9059.29	37.26	12.44	12.43	97.86	66.83	3.15	
9090.00	9088.18	9089.28	31.64	12.47	12.46	97.63	66.52	3.14	
9120.00	9118.17	9119.28	26.07	12.49	12.48	97.36	66.18	3.12	
9133.00	9131.17	9132.27	23.70	12.49	12.48	97.24	66.03	3.12	
9150.00	9148.17	9149.27	19.93	12.51	12.50	97.05	65.80	3.11	
9180.00	9178.16	9179.26	14.42	12.53	12.52	96.66	65.34	3.09	
9210.00	9208.15	9209.26	10.06	12.55	12.54	96.16	64.77	3.06	
9228.00	9226.15	9227.25	7.87	12.56	12.55	95.82	64.36	3.05	
9240.00	9238.14	9239.25	7.91	12.57	12.56	95.58	64.08	3.03	

5D Anti-Collision Report

Secondary Well: Poker Lake Unit CVX JV BS #027 H (S) (NVD Relative to Kelly Bushing (Primary)) / All Azimuth Relative to GRID NORTH									
PRMD (USft)	TVD (USft)	SecMD (USft)	TRFace to Sec (°)	SI Major (USft)	SI Minor (USft)	CC (USft)	ES (USft)	SP	Risk
9270.00	9268.13	9269.24	8.01	12.59	12.58	94.96	63.36	3.00	
9300.00	9298.12	9299.23	8.11	12.61	12.60	94.30	62.60	2.97	
9318.00	9316.11	9317.22	8.17	12.62	12.61	93.89	62.14	2.96	
9330.00	9328.11	9329.22	8.37	12.63	12.62	93.62	61.82	2.94	
9360.00	9358.10	9359.21	8.87	12.65	12.64	92.92	61.05	2.92	
9390.00	9388.09	9389.20	9.38	12.67	12.66	92.23	60.29	2.89	
9414.00	9412.08	9413.19	9.78	12.69	12.68	91.67	59.71	2.87	
9420.00	9418.07	9419.19	9.85	12.69	12.68	91.53	59.55	2.86	
9450.00	9448.06	9449.18	10.16	12.71	12.70	90.81	58.71	2.83	
9480.00	9478.05	9479.16	10.48	12.73	12.72	90.08	57.87	2.80	
9509.00	9507.04	9508.15	10.78	12.75	12.74	89.36	57.08	2.77	
9510.00	9508.04	9509.15	10.82	12.75	12.74	89.34	57.05	2.77	
9540.00	9538.02	9539.14	12.14	12.77	12.76	88.60	56.23	2.74	
9570.00	9568.01	9569.13	13.55	12.79	12.78	87.91	55.48	2.71	
9600.00	9598.00	9599.12	15.05	12.81	12.80	87.25	54.77	2.69	
9602.00	9600.00	9601.12	15.16	12.81	12.80	87.21	54.71	2.68	
9630.00	9627.99	9629.11	16.06	12.83	12.82	86.62	54.02	2.66	
9660.00	9657.98	9659.10	17.07	12.85	12.84	86.02	53.31	2.63	
9662.00	9659.98	9661.10	17.14	12.85	12.84	85.98	53.26	2.63	
9690.00	9687.97	9689.10	17.28	12.87	12.86	85.42	52.64	2.61	
9720.00	9718.05	9719.18	17.12	12.90	12.90	84.82	51.93	2.58	
9750.00	9748.04	9749.20	320.20	12.94	12.93	84.21	51.18	2.55	
9780.00	9777.73	9778.97	284.89	12.98	12.95	83.80	50.69	2.53	
9810.00	9806.77	9808.18	272.07	13.02	12.96	83.89	50.70	2.53	
9840.00	9833.24	9835.05	262.76	13.02	12.92	85.23	52.03	2.57	
9870.00	9856.34	9858.97	254.31	13.02	12.93	89.14	55.92	2.68	
9900.00	9876.73	9880.60	246.72	13.02	12.95	96.63	63.46	2.91	
9930.00	9894.60	9899.98	240.35	13.03	12.96	107.97	74.85	3.26	
9960.00	9912.55	9919.81	234.52	13.04	12.98	122.70	89.72	3.72	
9990.00	9928.30	9937.40	230.09	13.06	13.00	140.18	107.21	4.25	
10020.00	9941.49	9952.35	226.99	13.07	13.01	160.12	127.19	4.86	
10050.00	9952.95	9965.54	224.85	13.09	12.98	182.12	149.24	5.54	
10080.00	9963.37	9977.68	223.39	13.11	13.07	205.79	172.89	6.26	
10110.00	9972.24	9988.11	222.79	13.13	13.06	230.80	197.97	7.03	
10140.00	9979.72	9996.99	223.03	13.15	13.06	256.92	224.11	7.83	
10170.00	9985.98	10004.47	224.17	13.16	13.07	283.96	251.15	8.65	
10200.00	9991.01	10010.53	226.41	13.18	13.10	311.72	278.90	9.50	
10230.00	9994.94	10015.28	230.03	13.19	13.11	340.08	307.24	10.36	
10260.00	9997.85	10018.82	235.51	13.19	13.11	368.89	336.05	11.23	
10290.00	9999.83	10021.23	243.49	13.20	13.11	398.04	365.19	12.11	
10320.00	10000.96	10022.60	254.71	13.20	13.11	427.44	394.52	12.99	
10350.00	10001.29	10023.01	269.36	13.20	13.11	456.98	424.01	13.86	
10380.00	10000.91	10022.54	286.01	13.20	13.11	486.59	453.58	14.74	
10410.00	9999.85	10021.24	301.81	13.20	13.11	516.18	483.14	15.62	
10440.00	9998.16	10019.19	314.64	13.19	13.11	545.70	512.62	16.49	
10470.00	9995.90	10016.45	324.23	13.19	13.11	575.08	541.96	17.37	
10500.00	9993.10	10013.05	331.22	13.18	13.10	604.26	571.11	18.23	
10530.00	9989.79	10009.06	336.35	13.17	13.08	633.18	600.00	19.08	
10560.00	9986.01	10004.51	340.20	13.16	13.07	661.81	628.60	19.93	
10590.00	9981.78	9999.45	343.14	13.15	13.06	690.09	656.85	20.76	
10620.00	9977.14	9993.92	345.45	13.14	13.06	717.99	684.72	21.58	
10650.00	9972.23	9988.10	347.28	13.13	13.06	745.46	712.16	22.38	
10680.00	9966.96	9981.89	348.77	13.12	13.07	772.47	739.14	23.18	
10710.00	9961.35	9975.31	350.00	13.11	13.06	798.98	765.62	23.95	
10740.00	9955.41	9968.40	350.94	13.10	12.99	824.97	791.59	24.72	
10770.00	9949.65	9961.73	351.06	13.09	12.98	850.83	817.41	25.46	
10800.00	9944.76	9956.10	351.16	13.08	13.02	876.85	843.39	26.20	
10830.00	9940.02	9950.68	351.25	13.07	13.01	903.02	869.52	26.95	

5D Anti-Collision Report

Secondary Well: POKER LAKE Unit CVX JV BS #027H (S) (TVD Relative to Kelly Bushing (Primary)) b All Azimuth Relative to GRID NORTH									
PR MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Facet to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SP	Risk
10860.00	9935.43	9945.46	351.34	13.06	13.01	929.35	895.80	27.70	
10890.00	9930.98	9940.42	351.43	13.06	13.00	955.82	922.23	28.46	
10920.00	9926.67	9935.57	351.51	13.05	13.00	982.42	948.80	29.22	
10950.00	9922.46	9930.85	351.59	13.05	12.99	1009.14	975.49	29.99	
10980.00	9917.18	9924.96	351.69	13.05	12.99	1035.98	1002.29	30.75	
11010.00	9912.03	9919.23	351.79	13.04	12.98	1062.91	1029.18	31.51	
11040.00	9907.02	9913.68	351.88	13.04	12.97	1089.94	1056.17	32.27	
11070.00	9902.14	9908.28	351.96	13.03	12.97	1117.06	1083.25	33.04	
11100.00	9897.37	9903.03	352.05	13.03	12.97	1144.26	1110.42	33.81	
11130.00	9893.55	9898.83	352.11	13.03	12.96	1171.54	1137.67	34.58	
11160.00	9891.01	9896.06	352.16	13.03	12.96	1198.92	1165.01	35.35	
11190.00	9888.55	9893.37	352.20	13.03	12.96	1226.40	1192.46	36.13	
11220.00	9886.17	9890.78	352.24	13.02	12.96	1253.97	1219.99	36.91	
11250.00	9883.86	9888.28	352.28	13.02	12.96	1281.62	1247.61	37.68	
11280.00	9881.62	9885.86	352.31	13.02	12.95	1309.36	1275.32	38.46	
11310.00	9879.45	9883.52	352.35	13.02	12.95	1337.17	1303.10	39.25	
11340.00	9877.35	9881.26	352.38	13.02	12.95	1365.06	1330.96	40.04	
11370.00	9875.30	9879.06	352.41	13.02	12.95	1393.02	1358.90	40.83	
11400.00	9873.32	9876.94	352.44	13.02	12.95	1421.04	1386.90	41.62	
11430.00	9871.39	9874.88	352.47	13.02	12.95	1449.13	1414.97	42.42	
11460.00	9869.52	9872.89	352.50	13.02	12.95	1477.28	1443.10	43.22	
11490.00	9867.70	9870.96	352.52	13.02	12.95	1505.49	1471.29	44.02	
11520.00	9865.93	9869.08	352.55	13.02	12.90	1533.75	1499.54	44.83	
11550.00	9864.32	9867.38	352.57	13.02	12.91	1562.07	1527.84	45.63	
11580.00	9862.92	9865.89	352.59	13.02	12.91	1590.44	1556.17	46.41	
11610.00	9861.55	9864.45	352.61	13.02	12.92	1618.86	1584.55	47.20	
11640.00	9860.23	9863.05	352.63	13.02	12.92	1647.32	1612.99	47.98	
11670.00	9858.94	9861.69	352.65	13.02	12.92	1675.83	1641.47	48.76	
11700.00	9857.68	9860.38	352.67	13.02	12.92	1704.39	1669.99	49.55	
11730.00	9856.46	9859.09	352.68	13.02	12.92	1732.99	1698.56	50.34	
11760.00	9855.27	9857.85	352.70	13.02	12.93	1761.63	1727.17	51.13	
11790.00	9854.11	9856.64	352.71	13.02	12.93	1790.31	1755.82	51.92	
11820.00	9852.98	9855.46	352.73	13.02	12.93	1819.02	1784.52	52.72	
11850.00	9851.88	9854.31	352.74	13.02	12.93	1847.77	1813.25	53.53	
11880.00	9850.81	9853.19	352.76	13.02	12.93	1876.55	1842.02	54.35	
11910.00	9849.77	9852.11	352.77	13.02	12.93	1905.37	1870.84	55.19	
11940.00	9848.75	9851.05	352.78	13.02	12.93	1934.22	1899.71	56.05	
11970.00	9847.76	9850.02	352.80	13.02	12.93	1963.09	1928.51	56.77	
12000.00	9846.79	9849.01	352.81	13.02	12.93	1992.00	1957.38	57.54	
12030.00	9845.84	9848.03	352.82	13.02	12.93	2020.94	1986.36	58.45	
12060.00	9844.92	9847.08	352.83	13.02	12.93	2049.90	2015.24	59.15	
12090.00	9844.02	9846.14	352.84	13.02	12.93	2078.89	2044.22	59.97	
12120.00	9843.14	9845.23	352.86	13.02	12.93	2107.90	2073.21	60.77	
12150.00	9842.28	9844.34	352.87	13.02	12.93	2136.94	2102.23	61.58	
12180.00	9841.44	9843.48	352.88	13.02	12.93	2166.00	2131.30	62.44	
12210.00	9840.62	9842.63	352.89	13.02	12.93	2195.08	2160.33	63.18	
12240.00	9839.81	9841.80	352.90	13.02	12.93	2224.18	2189.44	64.01	
12270.00	9839.03	9840.99	352.91	13.02	12.93	2253.31	2218.50	64.73	
12300.00	9838.26	9840.20	352.92	13.02	12.93	2282.45	2247.63	65.54	
12330.00	9837.51	9839.43	352.93	13.02	12.93	2311.62	2276.80	66.39	
12360.00	9836.78	9838.68	352.93	13.02	12.93	2340.80	2306.00	67.26	
12390.00	9836.06	9837.94	352.94	13.02	12.93	2370.00	2335.19	68.08	
12420.00	9835.35	9837.22	352.95	13.02	12.92	2399.22	2364.37	68.83	
12450.00	9834.67	9836.52	352.96	13.02	12.92	2428.46	2393.57	69.61	
12480.00	9834.02	9835.84	352.97	13.02	12.92	2457.71	2422.80	70.39	
12510.00	9833.37	9835.18	352.97	13.02	12.92	2486.98	2452.04	71.18	
12540.00	9832.74	9834.53	352.98	13.02	12.92	2516.27	2481.30	71.97	
12570.00	9832.12	9833.90	352.99	13.02	12.92	2545.57	2510.59	72.77	

5D Anti-Collision Report

Secondary Well # - Poker Lake Unit CVX JV B9 #027H (S) (TVD Relative to Kelly Bushing (Primary)) / All Azimuth Relative to GRID NORTH									
PrIMD (US ft)	TVD (US ft)	SecMD (US ft)	TrFace to Sec (°)	StMajor (US ft)	StMinor (US ft)	CC (US ft)	ES (US ft)	SP	Risk
12600.00	9831.51	9833.28	353.00	13.02	12.92	2574.88	2539.88	73.57	
12630.00	9830.92	9832.67	353.00	13.02	12.92	2604.21	2569.19	74.37	
12660.00	9830.33	9832.07	353.01	13.02	12.91	2633.55	2598.52	75.18	
12690.00	9829.76	9831.49	353.02	13.02	12.91	2662.91	2627.86	75.98	
12720.00	9829.20	9830.91	353.02	13.02	12.91	2692.27	2657.21	76.78	
12750.00	9828.65	9830.35	353.03	13.02	12.91	2721.66	2686.58	77.59	
12780.00	9828.11	9829.80	353.04	13.02	12.91	2751.05	2715.96	78.39	
12810.00	9827.58	9829.26	353.04	13.02	12.91	2780.45	2745.35	79.20	
12840.00	9827.06	9828.73	353.05	13.02	12.91	2809.87	2774.75	80.01	
12870.00	9826.55	9828.21	353.06	13.02	12.90	2839.30	2804.16	80.81	
12900.00	9826.05	9827.70	353.06	13.02	12.90	2868.73	2833.59	81.62	
12930.00	9825.56	9827.20	353.07	13.02	12.90	2898.18	2863.02	82.42	
12960.00	9825.08	9826.71	353.07	13.02	12.90	2927.64	2892.47	83.23	
12990.00	9824.60	9826.23	353.08	13.02	12.90	2957.11	2921.92	84.04	
13020.00	9824.14	9825.75	353.08	13.02	12.90	2986.59	2951.39	84.84	
13050.00	9823.68	9825.29	353.09	13.02	12.90	3016.08	2980.86	85.64	
13080.00	9823.23	9824.83	353.09	13.02	12.90	3045.58	3010.35	86.45	
13110.00	9822.79	9824.38	353.10	13.02	12.90	3075.08	3039.84	87.25	
13140.00	9822.35	9823.94	353.10	13.02	12.90	3104.60	3069.34	88.06	
13170.00	9821.93	9823.51	353.11	13.02	12.90	3134.12	3098.85	88.86	
13200.00	9821.51	9823.08	353.11	13.02	12.90	3163.65	3128.37	89.66	
13230.00	9821.10	9822.66	353.12	13.02	12.91	3193.19	3157.89	90.46	
13260.00	9820.69	9822.25	353.12	13.02	12.91	3222.74	3187.43	91.27	
13290.00	9820.29	9821.85	353.13	13.02	12.91	3252.29	3216.97	92.07	
13320.00	9819.90	9821.45	353.13	13.02	12.91	3281.86	3246.52	92.87	
13350.00	9819.51	9821.06	353.14	13.02	12.91	3311.43	3276.07	93.67	
13380.00	9819.13	9820.67	353.14	13.02	12.92	3341.00	3305.64	94.47	
13410.00	9818.76	9820.29	353.15	13.02	12.92	3370.59	3335.21	95.27	
13440.00	9818.39	9819.92	353.15	13.02	12.92	3400.18	3364.78	96.07	
13470.00	9818.03	9819.55	353.16	13.02	12.92	3429.77	3394.37	96.87	
13500.00	9817.67	9819.19	353.16	13.02	12.92	3459.38	3423.96	97.67	
13530.00	9817.32	9818.84	353.16	13.02	12.93	3488.99	3453.55	98.46	
13560.00	9816.98	9818.49	353.17	13.02	12.93	3518.60	3483.16	99.26	
13590.00	9816.64	9818.14	353.17	13.02	12.93	3548.22	3512.76	100.06	
13620.00	9816.30	9817.80	353.18	13.02	12.93	3577.85	3542.38	100.86	
13650.00	9815.97	9817.47	353.18	13.02	12.93	3607.49	3572.00	101.65	
13680.00	9815.65	9817.14	353.18	13.02	12.93	3637.12	3601.62	102.45	
13710.00	9815.33	9816.82	353.19	13.02	12.93	3666.77	3631.25	103.24	
13740.00	9815.01	9816.50	353.19	13.02	12.94	3696.42	3660.89	104.03	
13770.00	9814.70	9816.18	353.19	13.02	12.94	3726.07	3690.53	104.82	
13800.00	9814.40	9815.87	353.20	13.02	12.94	3755.73	3720.17	105.62	
13830.00	9814.10	9815.57	353.20	13.02	12.94	3785.40	3749.83	106.41	
13860.00	9813.80	9815.27	353.20	13.02	12.94	3815.07	3779.48	107.20	
13890.00	9813.51	9814.97	353.21	13.02	12.94	3844.74	3809.14	107.99	
13920.00	9813.22	9814.68	353.21	13.02	12.94	3874.42	3838.81	108.78	
13950.00	9812.93	9814.39	353.21	13.02	12.94	3904.11	3868.48	109.57	
13980.00	9812.65	9814.11	353.22	13.02	12.94	3933.80	3898.15	110.36	
14010.00	9812.37	9813.83	353.22	13.02	12.95	3963.49	3927.83	111.14	
14040.00	9812.10	9813.55	353.22	13.02	12.95	3993.19	3957.51	111.93	
14070.00	9811.83	9813.28	353.23	13.02	12.95	4022.89	3987.20	112.72	
14100.00	9811.56	9813.01	353.23	13.02	12.95	4052.59	4016.89	113.50	
14130.00	9811.30	9812.75	353.23	13.02	12.95	4082.30	4046.58	114.29	
14160.00	9811.04	9812.48	353.24	13.02	12.95	4112.02	4076.28	115.07	
14190.00	9810.79	9812.23	353.24	13.02	12.95	4141.74	4105.99	115.86	
14220.00	9810.54	9811.97	353.24	13.02	12.95	4171.46	4135.69	116.64	
14250.00	9810.29	9811.72	353.24	13.02	12.95	4201.18	4165.40	117.42	
14280.00	9810.04	9811.47	353.25	13.02	12.95	4230.91	4195.12	118.20	
14310.00	9809.80	9811.23	353.25	13.02	12.96	4260.64	4224.83	118.98	

5D Anti-Collision Report

Secondary Wells: Poker Lake Unit CVX JV BS #027H (S) (TVD Relative to Kelly Bushing (Primary)) All Azimuth Relative to GRID NORTH									
PRIMD (US ft)	TVD (ft)	SecMD (US ft)	T-Face to Sec (°)	S-Major (US ft)	S-Minor (US ft)	GC (US ft)	ES (US ft)	SP	Risk
14340.00	9809.56	9810.99	353.25	13.02	12.96	4290.38	4254.55	119.76	
14370.00	9809.33	9810.75	353.25	13.02	12.96	4320.12	4284.27	120.53	
14400.00	9809.09	9810.52	353.26	13.02	12.96	4349.86	4314.00	121.30	
14430.00	9808.86	9810.28	353.26	13.02	12.96	4379.61	4343.73	122.07	
14460.00	9808.64	9810.06	353.26	13.02	12.96	4409.35	4373.46	122.84	
14490.00	9808.41	9809.83	353.27	13.02	12.96	4439.11	4403.19	123.61	
14520.00	9808.19	9809.61	353.27	13.02	12.96	4468.86	4432.93	124.38	
14550.00	9807.97	9809.39	353.27	13.02	12.96	4498.62	4462.67	125.14	
14580.00	9807.76	9809.17	353.27	13.02	12.96	4528.38	4492.42	125.91	
14610.00	9807.54	9808.95	353.28	13.02	12.96	4558.15	4522.16	126.68	
14640.00	9807.33	9808.74	353.28	13.02	12.96	4587.91	4551.91	127.44	
14670.00	9807.12	9808.53	353.28	13.02	12.96	4617.68	4581.67	128.21	
14700.00	9806.92	9808.32	353.28	13.02	12.96	4647.46	4611.42	128.97	
14730.00	9806.71	9808.12	353.28	13.02	12.96	4677.23	4641.18	129.73	
14760.00	9806.51	9807.92	353.29	13.02	12.97	4707.01	4670.94	130.49	
14790.00	9806.31	9807.72	353.29	13.02	12.97	4736.79	4700.70	131.26	
14820.00	9806.12	9807.52	353.29	13.02	12.97	4766.58	4730.47	132.02	
14850.00	9805.92	9807.32	353.29	13.02	12.97	4796.36	4760.24	132.78	
14880.00	9805.73	9807.13	353.30	13.02	12.97	4826.15	4790.01	133.53	
14910.00	9805.54	9806.94	353.30	13.02	12.97	4855.94	4819.78	134.29	
14940.00	9805.36	9806.75	353.30	13.02	12.97	4885.73	4849.56	135.05	
14970.00	9805.17	9806.56	353.30	13.02	12.97	4915.53	4879.34	135.80	
15000.00	9804.99	9806.38	353.30	13.02	12.97	4945.33	4909.12	136.56	
15030.00	9804.81	9806.20	353.31	13.02	12.97	4975.13	4938.90	137.31	
15060.00	9804.63	9806.02	353.31	13.02	12.97	5004.93	4968.68	138.07	
15090.00	9804.09	9805.47	353.31	13.02	12.97	5034.74	4998.47	138.82	
15120.00	9803.51	9804.89	353.32	13.02	12.97	5064.54	5028.26	139.58	
15150.00	9802.94	9804.32	353.33	13.01	12.97	5094.35	5058.05	140.34	
15180.00	9802.38	9803.75	353.33	13.01	12.97	5124.16	5087.85	141.09	
15210.00	9801.82	9803.19	353.34	13.01	12.97	5153.98	5117.64	141.85	
15240.00	9801.27	9802.63	353.35	13.01	12.97	5183.79	5147.44	142.61	
15270.00	9800.72	9802.08	353.35	13.01	12.97	5213.61	5177.24	143.36	
15300.00	9800.18	9801.54	353.36	13.01	12.96	5243.42	5207.04	144.12	
15330.00	9799.64	9801.00	353.36	13.01	12.96	5273.24	5236.85	144.88	
15360.00	9799.11	9800.46	353.37	13.01	12.96	5303.06	5266.65	145.64	
15390.00	9798.58	9799.93	353.38	13.01	12.96	5332.89	5296.46	146.40	
15420.00	9798.06	9799.40	353.38	13.01	12.95	5362.71	5326.27	147.16	
15450.00	9797.54	9798.88	353.39	13.01	12.95	5392.54	5356.08	147.93	
15480.00	9797.02	9798.37	353.39	13.01	12.95	5422.37	5385.90	148.69	
15510.00	9796.52	9797.85	353.40	13.01	12.94	5452.20	5415.72	149.46	
15540.00	9796.01	9797.35	353.40	13.01	12.94	5482.03	5445.53	150.21	
15570.00	9795.51	9796.85	353.41	13.00	12.93	5511.86	5475.34	150.92	
15600.00	9795.02	9796.35	353.42	13.00	12.92	5541.69	5505.15	151.63	
15630.00	9794.53	9795.85	353.42	13.00	12.92	5571.53	5534.96	152.35	
15660.00	9794.04	9795.37	353.43	13.00	12.92	5601.37	5564.77	153.06	
15690.00	9793.56	9794.88	353.43	13.00	12.92	5631.20	5594.58	153.77	
15720.00	9793.08	9794.40	353.44	13.00	12.93	5661.04	5624.40	154.49	
15750.00	9792.61	9793.93	353.44	13.00	12.94	5690.88	5654.22	155.20	
15780.00	9792.14	9793.45	353.45	13.00	12.94	5720.73	5684.04	155.92	
15810.00	9791.68	9792.99	353.45	13.00	12.95	5750.57	5713.86	156.63	
15840.00	9791.21	9792.52	353.46	13.00	12.95	5780.42	5743.68	157.35	
15870.00	9790.76	9792.06	353.46	13.00	12.95	5810.26	5773.51	158.08	
15900.00	9790.30	9791.61	353.47	13.00	12.96	5840.11	5803.34	158.80	
15930.00	9789.86	9791.16	353.47	13.00	12.96	5869.96	5833.16	159.52	
15960.00	9789.41	9790.71	353.48	13.00	12.96	5899.81	5863.00	160.25	
15990.00	9788.97	9790.27	353.48	13.00	12.96	5929.66	5892.83	160.98	
16020.00	9788.53	9789.83	353.49	13.00	12.96	5959.52	5922.67	161.72	
16050.00	9788.10	9789.39	353.49	12.99	12.96	5989.37	5952.51	162.46	

5D Anti-Collision Report

Secondary Wells - Poker Lake Unit CVX JV ES - 027H (S) (TVD Relative to Kelly Bushing (Primary)) All Azimuth Relative to GRID NORTH									
PRMD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SP	Risk
16080.00	9787.67	9788.96	353.50	12.99	12.95	6019.23	5982.35	163.20	
16110.00	9787.24	9788.53	353.50	12.99	12.95	6049.09	6012.19	163.95	
16140.00	9786.82	9788.11	353.50	12.99	12.94	6078.94	6042.04	164.71	
16170.00	9786.40	9787.68	353.51	12.99	12.94	6108.80	6071.88	165.47	
16200.00	9785.98	9787.27	353.51	12.99	12.93	6138.66	6101.74	166.23	
16230.00	9785.57	9786.85	353.52	12.99	12.92	6168.53	6131.58	166.97	
16260.00	9785.16	9786.44	353.52	12.99	12.91	6198.39	6161.41	167.64	
16290.00	9784.75	9786.03	353.53	12.99	12.92	6228.25	6191.25	168.32	
16320.00	9784.35	9785.63	353.53	12.99	12.93	6258.12	6221.08	168.99	
16350.00	9783.95	9785.23	353.54	12.99	12.94	6287.98	6250.92	169.67	
16380.00	9783.56	9784.83	353.54	12.99	12.94	6317.85	6280.76	170.35	
16410.00	9783.16	9784.43	353.54	12.99	12.95	6347.72	6310.61	171.04	
16440.00	9782.77	9784.04	353.55	12.99	12.95	6377.59	6340.45	171.74	
16470.00	9782.39	9783.65	353.55	12.99	12.95	6407.46	6370.30	172.45	
16500.00	9782.00	9783.27	353.56	12.99	12.95	6437.33	6400.16	173.16	
16530.00	9781.62	9782.89	353.56	12.99	12.95	6467.20	6430.01	173.89	
16560.00	9781.25	9782.51	353.56	12.99	12.94	6497.08	6459.87	174.62	
16590.00	9780.87	9782.13	353.57	12.99	12.93	6526.95	6489.73	175.37	
16620.00	9780.50	9781.76	353.57	12.98	12.92	6556.83	6519.60	176.13	
16650.00	9780.13	9781.39	353.58	12.98	12.91	6586.70	6549.46	176.87	
16680.00	9779.76	9781.02	353.58	12.98	12.91	6616.58	6579.31	177.50	
16710.00	9779.40	9780.66	353.58	12.98	12.92	6646.46	6609.15	178.15	
16740.00	9779.04	9780.29	353.59	12.98	12.93	6676.34	6639.00	178.80	
16770.00	9778.68	9779.94	353.59	12.98	12.94	6706.22	6668.85	179.46	
16800.00	9778.33	9779.58	353.60	12.98	12.95	6736.10	6698.71	180.14	
16830.00	9777.98	9779.23	353.60	12.98	12.95	6765.98	6728.57	180.83	
16860.00	9777.63	9778.87	353.60	12.98	12.95	6795.87	6758.43	181.53	
16890.00	9777.28	9778.53	353.61	12.98	12.95	6825.75	6788.30	182.25	
16920.00	9776.94	9778.18	353.61	12.98	12.94	6855.64	6818.17	182.98	
16950.00	9776.60	9777.84	353.61	12.98	12.93	6885.52	6848.04	183.72	
16980.00	9776.26	9777.50	353.62	12.98	12.92	6915.41	6877.92	184.47	
17010.00	9775.92	9777.16	353.62	12.98	12.90	6945.30	6907.79	185.20	
17040.00	9775.59	9776.83	353.62	12.98	12.91	6975.18	6937.65	185.82	
17070.00	9775.26	9776.49	353.63	12.98	12.92	7005.07	6967.50	186.45	
17100.00	9774.93	9776.16	353.63	12.98	12.93	7034.96	6997.36	187.09	
17130.00	9774.60	9775.84	353.63	12.98	12.94	7064.85	7027.22	187.74	
17160.00	9774.28	9775.51	353.64	12.98	12.95	7094.75	7057.09	188.41	
17190.00	9773.95	9775.19	353.64	12.98	12.95	7124.64	7086.96	189.09	
17220.00	9773.63	9774.87	353.64	12.98	12.95	7154.53	7116.83	189.78	
17250.00	9773.32	9774.55	353.65	12.98	12.94	7184.43	7146.71	190.48	
17280.00	9773.00	9774.23	353.65	12.97	12.94	7214.32	7176.59	191.19	
17310.00	9772.69	9773.92	353.65	12.97	12.93	7244.22	7206.47	191.91	
17340.00	9772.38	9773.61	353.66	12.97	12.92	7274.11	7236.35	192.64	
17370.00	9772.07	9773.30	353.66	12.97	12.91	7304.01	7266.24	193.38	
17400.00	9771.77	9772.99	353.66	12.97	12.90	7333.91	7296.12	194.06	
17430.00	9771.46	9772.69	353.67	12.97	12.91	7363.80	7325.98	194.68	
17460.00	9771.16	9772.38	353.67	12.97	12.92	7393.70	7355.85	195.30	
17490.00	9770.86	9772.08	353.67	12.97	12.93	7423.60	7385.72	195.93	
17520.00	9770.56	9771.78	353.68	12.97	12.93	7453.50	7415.59	196.58	
17550.00	9770.27	9771.49	353.68	12.97	12.94	7483.41	7445.46	197.22	
17580.00	9769.97	9771.19	353.68	12.97	12.94	7513.31	7475.34	197.88	
17610.00	9769.68	9770.90	353.69	12.97	12.94	7543.21	7505.22	198.54	
17640.00	9769.39	9770.61	353.69	12.97	12.94	7573.11	7535.10	199.20	
17670.00	9769.11	9770.32	353.69	12.97	12.94	7603.02	7564.98	199.88	
17700.00	9768.82	9770.04	353.69	12.97	12.94	7632.92	7594.86	200.55	
17730.00	9768.54	9769.75	353.70	12.97	12.94	7662.83	7624.75	201.23	
17760.00	9768.26	9769.47	353.70	12.97	12.93	7692.73	7654.64	201.92	
17790.00	9767.98	9769.19	353.70	12.97	12.93	7722.64	7684.52	202.61	

5D Anti-Collision Report

Secondary Well: Poker Lake Unit CVX JV BS #027H (a) (TVD Relative to Kelly Bushing (Primary)) / All Azimuth Relative to GRID NORTH									
P1 MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
17820.00	9767.70	9768.91	353.71	12.97	12.92	7752.55	7714.41	203.30	
17850.00	9767.43	9768.64	353.71	12.97	12.92	7782.46	7744.31	203.99	
17880.00	9767.15	9768.36	353.71	12.97	12.91	7812.36	7774.20	204.69	
17910.00	9766.88	9768.09	353.71	12.97	12.90	7842.27	7804.09	205.39	
17940.00	9766.61	9767.82	353.72	12.97	12.89	7872.18	7833.98	206.05	
17970.00	9766.34	9767.55	353.72	12.97	12.90	7902.09	7863.86	206.66	
18000.00	9766.07	9767.28	353.72	12.97	12.91	7932.00	7893.74	207.28	
18030.00	9765.81	9767.02	353.73	12.96	12.91	7961.92	7923.62	207.90	
18060.00	9765.55	9766.75	353.73	12.96	12.92	7991.83	7953.50	208.52	
18090.00	9765.29	9766.49	353.73	12.96	12.92	8021.74	7983.39	209.15	
18120.00	9765.03	9766.23	353.73	12.96	12.93	8051.65	8013.27	209.78	
18150.00	9764.77	9765.97	353.74	12.96	12.93	8081.57	8043.16	210.41	
18180.00	9764.51	9765.71	353.74	12.96	12.93	8111.48	8073.05	211.04	
18210.00	9764.26	9765.46	353.74	12.96	12.94	8141.40	8102.94	211.67	
18240.00	9764.00	9765.20	353.74	12.96	12.94	8171.31	8132.82	212.30	
18270.00	9763.75	9764.95	353.75	12.96	12.94	8201.23	8162.72	212.94	
18300.00	9763.50	9764.70	353.75	12.96	12.94	8231.15	8192.61	213.58	
18330.00	9763.26	9764.45	353.75	12.96	12.94	8261.06	8222.50	214.22	
18360.00	9763.01	9764.21	353.75	12.96	12.94	8290.98	8252.39	214.85	
18390.00	9762.76	9763.96	353.76	12.96	12.94	8320.90	8282.29	215.49	
18420.00	9762.52	9763.72	353.76	12.96	12.94	8350.82	8312.18	216.13	
18450.00	9762.28	9763.47	353.76	12.96	12.94	8380.74	8342.08	216.77	
18480.00	9762.04	9763.23	353.76	12.96	12.94	8410.66	8371.97	217.41	
18510.00	9761.80	9762.99	353.77	12.96	12.94	8440.58	8401.87	218.05	
18540.00	9761.56	9762.76	353.77	12.96	12.93	8470.50	8431.77	218.69	
18570.00	9761.33	9762.52	353.77	12.96	12.93	8500.42	8461.66	219.34	
18600.00	9761.09	9762.29	353.77	12.96	12.93	8530.34	8491.56	219.98	
18630.00	9760.86	9762.05	353.78	12.96	12.93	8560.26	8521.46	220.62	
18660.00	9760.63	9761.82	353.78	12.96	12.93	8590.19	8551.36	221.26	
18690.00	9760.40	9761.59	353.78	12.96	12.92	8620.11	8581.26	221.90	
18720.00	9760.17	9761.36	353.78	12.96	12.92	8650.03	8611.16	222.54	
18750.00	9759.94	9761.13	353.79	12.96	12.92	8679.96	8641.06	223.18	
18780.00	9759.72	9760.91	353.79	12.96	12.92	8709.88	8670.97	223.82	
18810.00	9759.49	9760.68	353.79	12.96	12.91	8739.81	8700.87	224.45	
18840.00	9759.27	9760.46	353.79	12.96	12.91	8769.73	8730.77	225.09	
18870.00	9759.05	9760.24	353.79	12.96	12.91	8799.66	8760.68	225.73	
18900.00	9758.83	9760.01	353.80	12.96	12.90	8829.59	8790.58	226.37	
18930.00	9758.61	9759.80	353.80	12.96	12.90	8859.51	8820.48	227.00	
18960.00	9758.39	9759.58	353.80	12.96	12.90	8889.44	8850.39	227.64	
18990.00	9758.18	9759.36	353.80	12.95	12.89	8919.37	8880.29	228.27	
19020.00	9757.96	9759.14	353.81	12.95	12.89	8949.30	8910.20	228.90	
19050.00	9757.75	9758.93	353.81	12.95	12.89	8979.22	8940.10	229.50	
19080.00	9757.53	9758.72	353.81	12.95	12.89	9009.15	8970.00	230.09	
19110.00	9757.32	9758.51	353.81	12.95	12.90	9039.08	8999.90	230.69	
19140.00	9757.11	9758.30	353.81	12.95	12.90	9069.01	9029.80	231.28	
19170.00	9756.90	9758.09	353.82	12.95	12.90	9098.94	9059.70	231.87	
19200.00	9756.70	9757.88	353.82	12.95	12.90	9128.87	9089.60	232.47	
19230.00	9756.49	9757.67	353.82	12.95	12.91	9158.81	9119.51	233.06	
19260.00	9756.29	9757.47	353.82	12.95	12.91	9188.74	9149.41	233.65	
19290.00	9756.08	9757.26	353.82	12.95	12.91	9218.67	9179.31	234.24	
19320.00	9755.88	9757.06	353.83	12.95	12.91	9248.60	9209.22	234.83	
19350.00	9755.68	9756.86	353.83	12.95	12.91	9278.53	9239.12	235.42	
19380.00	9755.48	9756.66	353.83	12.95	12.91	9308.47	9269.03	236.02	
19410.00	9755.28	9756.46	353.83	12.95	12.92	9338.40	9298.93	236.60	
19440.00	9755.08	9756.26	353.83	12.95	12.92	9368.33	9328.84	237.19	
19470.00	9754.88	9756.06	353.84	12.95	12.92	9398.27	9358.74	237.78	
19500.00	9754.69	9755.86	353.84	12.95	12.92	9428.20	9388.65	238.37	
19530.00	9754.49	9755.67	353.84	12.95	12.92	9458.14	9418.56	238.96	

5D Anti-Collision Report

Secondary Well: Poker Lake Unit CVX JV ES #027H (S) (TVD Relative to Kelly Bushing (Primary)); All Azimuth Relative to GRID NORTH									
Pr MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	GC (US ft)	ES (US ft)	SF	Risk
19560.00	9754.30	9755.47	353.84	12.95	12.92	9488.07	9448.47	239.54	
19590.00	9754.11	9755.28	353.84	12.95	12.92	9518.01	9478.37	240.13	
19620.00	9753.92	9755.09	353.85	12.95	12.92	9547.95	9508.28	240.71	
19650.00	9753.72	9754.90	353.85	12.95	12.93	9577.88	9538.19	241.30	
19680.00	9753.54	9754.71	353.85	12.95	12.93	9607.82	9568.10	241.88	
19710.00	9753.35	9754.52	353.85	12.95	12.93	9637.76	9598.01	242.46	
19740.00	9753.16	9754.33	353.85	12.95	12.93	9667.69	9627.92	243.05	
19770.00	9752.97	9754.15	353.86	12.95	12.93	9697.63	9657.83	243.63	
19800.00	9752.79	9753.96	353.86	12.95	12.93	9727.57	9687.74	244.21	
19830.00	9752.61	9753.78	353.86	12.95	12.93	9757.51	9717.65	244.79	
19860.00	9752.42	9753.59	353.86	12.95	12.93	9787.45	9747.56	245.37	
19890.00	9752.24	9753.41	353.86	12.95	12.93	9817.39	9777.47	245.94	
19920.00	9752.06	9753.23	353.87	12.95	12.93	9847.33	9807.38	246.52	
19950.00	9751.88	9753.05	353.87	12.95	12.93	9877.27	9837.29	247.10	
19980.00	9751.70	9752.87	353.87	12.95	12.93	9907.21	9867.21	247.67	
20010.00	9751.52	9752.69	353.87	12.95	12.93	9937.15	9897.12	248.25	
20036.52	9751.37	9752.53	353.87	12.95	12.93	9963.62	9923.57	248.75	

Secondary Well: Poker Lake Unit #067H (S) (TVD Relative to Kelly Bushing (Primary)); All Azimuth Relative to GRID NORTH									
Pr MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	GC (US ft)	ES (US ft)	SF	Risk
0.00	29.00	0.00	179.25	0.00	0.00	2989.44	2988.81	4789.63	
30.00	30.07	1.07	162.03	0.01	0.01	2989.30	2988.48	3638.39	
60.00	62.29	33.29	162.03	0.08	0.08	2989.31	2988.35	3107.82	
90.00	94.51	65.51	162.03	0.11	0.11	2989.30	2988.25	2840.98	
120.00	126.72	97.72	162.02	0.13	0.13	2989.28	2988.16	2654.01	
150.00	156.44	127.44	162.02	0.24	0.24	2989.27	2987.99	2340.89	
180.00	185.97	156.97	162.02	0.31	0.31	2989.27	2987.87	2147.40	
210.00	215.49	186.49	162.02	0.37	0.37	2989.28	2987.79	2006.15	
240.00	245.10	216.10	162.02	0.45	0.45	2989.31	2987.71	1867.39	
270.00	274.79	245.79	162.02	0.54	0.54	2989.36	2987.64	1739.30	
300.00	304.47	275.47	162.02	0.61	0.61	2989.42	2987.59	1640.36	
330.00	333.93	304.93	162.02	0.68	0.68	2989.49	2987.57	1558.03	
360.00	362.35	333.35	162.02	0.75	0.75	2989.58	2987.57	1482.02	
390.00	390.76	361.76	162.02	0.82	0.82	2989.71	2987.60	1417.25	
420.00	419.18	390.18	162.02	0.88	0.88	2989.86	2987.66	1361.18	
450.00	448.45	419.46	162.02	0.93	0.93	2990.03	2987.75	1311.17	
480.00	478.18	449.18	162.02	0.99	0.99	2990.22	2987.86	1266.85	
510.00	507.91	478.91	162.02	1.04	1.04	2990.42	2987.99	1227.59	
540.00	537.65	508.65	162.02	1.09	1.09	2990.64	2988.13	1193.10	
570.00	567.40	538.40	162.02	1.13	1.13	2990.87	2988.30	1163.56	
600.00	597.16	568.16	162.02	1.17	1.17	2991.11	2988.48	1136.47	
630.00	626.91	597.91	162.02	1.21	1.21	2991.37	2988.68	1111.47	
660.00	657.33	628.33	162.03	1.26	1.26	2991.64	2988.88	1085.90	
690.00	687.80	658.80	162.03	1.30	1.30	2991.91	2989.10	1062.38	
720.00	718.26	689.27	162.03	1.34	1.34	2992.19	2989.32	1040.47	
750.00	749.20	720.21	162.03	1.38	1.38	2992.48	2989.54	1017.56	
780.00	780.40	751.40	162.03	1.42	1.42	2992.76	2989.77	999.17	
810.00	811.60	782.60	162.04	1.46	1.46	2993.05	2989.99	979.92	
840.00	843.75	814.75	162.04	1.50	1.50	2993.33	2990.21	961.48	
870.00	877.11	848.11	162.04	1.55	1.55	2993.59	2990.42	943.82	
900.00	910.47	881.47	162.04	1.59	1.59	2993.83	2990.59	925.22	
929.00	942.09	913.09	162.04	1.64	1.64	2994.04	2990.74	906.61	
930.00	943.15	914.15	162.03	1.64	1.64	2994.05	2990.74	905.37	
960.00	974.98	945.98	161.62	1.70	1.70	2994.28	2990.84	870.52	
990.00	1006.81	977.81	161.32	1.76	1.76	2994.56	2990.99	839.87	
1020.00	1038.17	1009.18	161.09	1.82	1.82	2994.87	2991.19	812.82	
1024.00	1042.21	1013.22	161.06	1.83	1.83	2994.92	2991.21	808.55	
1050.00	1068.48	1039.48	166.52	1.89	1.89	2995.17	2991.36	784.78	

5D Anti-Collision Report

Secondary Well : Packer Lake Unit #067H (S) (TVD Relative to Kelly Bushing (Primary)) / All Azimuth Relative to GRID NORTH									
RTMD (US ft)	TVD (US ft)	SecMD (US ft)	Tb Fac to Sec (°)	S.Major (US ft)	S.Minor (US ft)	GC (US ft)	ES (US ft)	SF	Risk
1080.00	1098.79	1069.79	177.69	1.95	1.95	2995.36	2991.42	760.87	
1110.00	1129.09	1100.10	200.92	2.01	2.01	2995.43	2991.37	738.24	
1119.00	1138.23	1109.24	211.81	2.03	2.03	2995.43	2991.33	731.58	
1140.00	1159.54	1130.55	215.76	2.08	2.08	2995.42	2991.24	717.08	
1170.00	1189.99	1161.00	219.67	2.15	2.15	2995.43	2991.12	695.05	
1200.00	1220.44	1191.45	222.35	2.21	2.21	2995.46	2991.02	675.31	
1214.00	1234.65	1205.66	223.33	2.24	2.24	2995.48	2990.99	666.58	
1230.00	1250.91	1221.91	223.87	2.28	2.28	2995.52	2990.95	655.71	
1260.00	1281.37	1252.38	224.76	2.35	2.35	2995.59	2990.89	637.14	
1290.00	1311.84	1282.85	225.53	2.42	2.42	2995.68	2990.85	620.47	
1308.00	1330.11	1301.13	225.93	2.46	2.46	2995.74	2990.84	611.21	
1320.00	1342.20	1313.21	227.20	2.49	2.49	2995.77	2990.82	604.81	
1350.00	1372.41	1343.42	232.50	2.56	2.56	2995.77	2990.68	588.76	
1380.00	1402.62	1373.63	246.78	2.63	2.63	2995.66	2990.44	573.60	
1403.00	1425.78	1396.80	286.04	2.69	2.69	2995.50	2990.18	562.84	
1410.00	1432.82	1403.84	294.58	2.70	2.70	2995.44	2990.09	559.56	
1440.00	1462.97	1433.98	316.53	2.78	2.78	2995.14	2989.65	545.81	
1470.00	1493.12	1464.13	326.32	2.85	2.85	2994.77	2989.15	533.09	
1498.00	1521.25	1492.27	331.27	2.92	2.92	2994.37	2988.63	522.04	
1500.00	1523.26	1494.28	331.08	2.92	2.92	2994.34	2988.59	521.23	
1530.00	1553.15	1524.16	328.22	3.00	3.00	2993.87	2987.99	509.11	
1560.00	1582.97	1553.99	325.63	3.07	3.07	2993.40	2987.39	497.75	
1590.00	1612.79	1583.81	323.26	3.14	3.14	2992.93	2986.79	487.18	
1593.00	1615.77	1586.79	323.04	3.15	3.15	2992.89	2986.73	486.16	
1620.00	1642.74	1613.76	324.90	3.22	3.22	2992.46	2986.18	476.63	
1650.00	1672.85	1643.87	326.94	3.29	3.29	2991.98	2985.56	466.43	
1680.00	1702.96	1673.98	328.93	3.37	3.37	2991.48	2984.93	456.93	
1689.00	1711.99	1683.01	329.51	3.39	3.39	2991.33	2984.75	454.20	
1710.00	1733.05	1704.07	328.71	3.44	3.44	2990.98	2984.30	447.76	
1740.00	1763.07	1734.09	327.70	3.52	3.52	2990.45	2983.63	438.45	
1770.00	1793.09	1764.11	326.82	3.60	3.60	2989.91	2982.95	429.72	
1784.00	1807.09	1778.12	326.44	3.63	3.63	2989.65	2982.63	425.84	
1800.00	1823.10	1794.13	325.89	3.67	3.67	2989.35	2982.26	421.39	
1830.00	1853.03	1824.06	324.90	3.75	3.75	2988.78	2981.55	413.21	
1860.00	1882.94	1853.97	323.98	3.83	3.83	2988.21	2980.84	405.52	
1879.00	1901.88	1872.91	323.43	3.88	3.88	2987.84	2980.38	400.86	
1890.00	1912.85	1883.88	323.52	3.90	3.90	2987.62	2980.12	398.10	
1920.00	1942.80	1913.83	323.75	3.98	3.98	2987.01	2979.36	390.41	
1950.00	1972.81	1943.84	323.93	4.06	4.06	2986.36	2978.58	383.87	
1974.00	1996.81	1967.84	324.06	4.12	4.12	2985.81	2977.92	378.15	
1980.00	2002.81	1973.84	323.68	4.14	4.14	2985.67	2977.76	377.18	
2010.00	2032.87	2003.91	321.97	4.21	4.21	2984.95	2976.89	370.04	
2040.00	2063.35	2034.39	320.53	4.29	4.29	2984.20	2976.00	363.86	
2069.00	2092.82	2063.85	319.33	4.37	4.37	2983.43	2975.09	357.66	
2070.00	2093.83	2064.87	318.95	4.37	4.37	2983.41	2975.06	357.43	
2100.00	2124.31	2095.35	308.24	4.45	4.45	2982.64	2974.15	351.54	
2130.00	2154.21	2125.25	298.85	4.53	4.53	2981.94	2973.32	345.76	
2160.00	2184.01	2155.05	290.95	4.61	4.61	2981.32	2972.55	340.03	
2165.00	2188.98	2160.02	289.77	4.62	4.62	2981.23	2972.44	339.10	
2190.00	2213.81	2184.85	288.16	4.68	4.68	2980.76	2971.84	334.12	
2220.00	2242.61	2213.65	286.33	4.76	4.76	2980.23	2971.18	329.19	
2250.00	2270.38	2241.43	284.63	4.83	4.83	2979.74	2970.53	323.78	
2260.00	2279.64	2250.69	284.08	4.86	4.85	2979.58	2970.34	322.32	
2280.00	2298.16	2269.21	277.91	4.90	4.90	2979.32	2969.98	318.93	
2310.00	2325.94	2296.99	266.81	4.97	4.97	2979.11	2969.64	314.60	
2340.00	2353.05	2324.10	253.71	5.04	5.04	2979.10	2969.49	309.96	
2355.00	2366.56	2337.61	246.70	5.08	5.07	2979.18	2969.50	307.85	
2370.00	2380.08	2351.12	242.74	5.11	5.11	2979.29	2969.54	305.79	

5D Anti-Collision Report

Secondary Well: Poker Lake Unit #067H (S) (TVD Relative to Kelly Bushing (Primary)) : All Azimuth Relative to GRID NORTH									
PRMD (USF)	TVD (USF)	SecMD (USF)	T.Face to Sec (°)	S.Major (USF)	S.Minor (USF)	CC (USF)	ES (USF)	SP	Risk
2400.00	2407.11	2378.16	231.80	5.18	5.17	2979.55	2969.68	301.92	
2430.00	2434.49	2405.54	214.98	5.24	5.24	2979.88	2969.89	298.33	
2450.00	2453.71	2424.76	199.97	5.29	5.28	2980.12	2970.04	295.80	
2460.00	2463.33	2434.38	196.63	5.31	5.31	2980.25	2970.12	294.44	
2490.00	2492.17	2463.22	185.79	5.37	5.37	2980.63	2970.37	290.61	
2520.00	2521.01	2492.06	174.29	5.44	5.44	2981.02	2970.64	287.16	
2545.00	2544.84	2515.89	164.83	5.49	5.49	2981.35	2970.88	284.62	
2550.00	2549.58	2520.64	163.79	5.50	5.50	2981.42	2970.93	284.12	
2580.00	2578.07	2549.12	156.70	5.56	5.56	2981.80	2971.19	281.17	
2610.00	2606.55	2577.60	148.06	5.62	5.62	2982.14	2971.41	277.92	
2640.00	2635.34	2606.40	137.84	5.68	5.68	2982.43	2971.58	274.88	
2670.00	2665.30	2636.36	139.63	5.74	5.74	2982.71	2971.74	271.92	
2700.00	2695.27	2666.32	141.50	5.80	5.79	2982.99	2971.90	268.95	
2730.00	2725.23	2696.28	143.45	5.85	5.85	2983.27	2972.06	265.99	
2735.00	2730.22	2701.28	143.78	5.86	5.86	2983.32	2972.08	265.52	
2760.00	2755.22	2726.27	142.13	5.92	5.91	2983.55	2972.21	263.08	
2790.00	2785.21	2756.27	140.09	5.98	5.98	2983.82	2972.35	260.30	
2820.00	2815.21	2786.26	137.97	6.04	6.04	2984.08	2972.49	257.69	
2830.00	2825.20	2796.26	137.25	6.06	6.06	2984.16	2972.54	256.74	
2850.00	2844.99	2816.04	138.40	6.10	6.10	2984.33	2972.62	254.82	
2880.00	2874.58	2845.64	140.09	6.16	6.16	2984.59	2972.75	252.05	
2910.00	2904.18	2875.24	141.75	6.22	6.22	2984.86	2972.90	249.42	
2925.00	2918.98	2890.04	142.56	6.25	6.25	2985.00	2972.98	248.17	
2940.00	2933.79	2904.85	140.66	6.28	6.28	2985.15	2973.06	246.92	
2970.00	2963.43	2934.49	136.46	6.34	6.34	2985.41	2973.20	244.49	
3000.00	2993.07	2964.14	131.69	6.40	6.40	2985.65	2973.32	242.20	
3020.00	3012.84	2983.90	128.17	6.44	6.44	2985.80	2973.40	240.75	
3030.00	3022.72	2993.78	128.36	6.46	6.46	2985.87	2973.43	240.02	
3060.00	3052.73	3023.79	128.93	6.52	6.52	2986.09	2973.54	237.88	
3090.00	3082.83	3053.90	129.48	6.58	6.58	2986.31	2973.64	235.74	
3116.00	3108.92	3079.99	129.95	6.64	6.63	2986.51	2973.72	233.60	
3120.00	3112.94	3084.00	129.65	6.64	6.64	2986.54	2973.73	233.25	
3150.00	3143.00	3114.06	127.76	6.71	6.71	2986.77	2973.83	230.72	
3180.00	3173.00	3144.07	126.31	6.77	6.77	2987.02	2973.94	228.30	
3210.00	3203.01	3174.08	125.16	6.84	6.84	2987.29	2974.08	226.05	
3211.00	3204.01	3175.08	125.13	6.84	6.84	2987.30	2974.08	225.98	
3240.00	3233.01	3204.08	123.67	6.90	6.90	2987.57	2974.23	223.95	
3270.00	3263.01	3234.08	122.26	6.97	6.97	2987.85	2974.39	222.00	
3300.00	3293.01	3264.08	120.95	7.04	7.04	2988.12	2974.54	219.93	
3306.00	3299.01	3270.08	120.69	7.05	7.05	2988.18	2974.56	219.49	
3330.00	3323.01	3294.08	121.92	7.11	7.11	2988.40	2974.68	217.81	
3360.00	3352.61	3323.69	123.62	7.18	7.18	2988.67	2974.83	215.87	
3390.00	3382.12	3353.20	125.53	7.24	7.24	2988.95	2974.98	213.94	
3401.00	3392.94	3364.02	126.28	7.27	7.27	2989.05	2975.03	213.21	
3420.00	3411.62	3382.71	129.25	7.31	7.31	2989.23	2975.13	211.97	
3450.00	3441.21	3412.29	134.34	7.38	7.38	2989.53	2975.30	210.10	
3480.00	3470.91	3441.99	139.94	7.45	7.44	2989.84	2975.47	208.04	
3496.00	3486.74	3457.83	143.13	7.48	7.48	2990.01	2975.56	206.96	
3510.00	3500.60	3471.69	142.63	7.51	7.51	2990.16	2975.65	206.04	
3540.00	3530.27	3501.36	141.59	7.58	7.58	2990.49	2975.84	204.17	
3570.00	3559.38	3530.48	140.59	7.65	7.65	2990.83	2976.05	202.43	
3590.00	3578.79	3549.89	139.96	7.69	7.69	2991.06	2976.20	201.35	
3600.00	3588.50	3559.59	136.42	7.71	7.71	2991.17	2976.28	200.83	
3630.00	3617.61	3588.71	125.79	7.78	7.78	2991.49	2976.49	199.36	
3660.00	3646.15	3617.25	115.65	7.84	7.84	2991.78	2976.67	197.97	
3685.00	3669.63	3640.74	107.98	7.90	7.90	2992.01	2976.77	196.40	
3690.00	3674.33	3645.43	107.87	7.91	7.91	2992.05	2976.79	196.08	
3720.00	3702.50	3673.61	107.32	7.97	7.97	2992.32	2976.92	194.27	

5D Anti-Collision Report

Secondary Well: Poker Lake Unit #067H (S) (TVD Relative to Kelly Bushing (Primary)) All Azimuth Relative to GRID NORTH									
PRMD (USft)	TVD (USft)	SecMD (USft)	T Face to Sec (°)	S-Major (USft)	S-Minor (USft)	CC (USft)	ES (USft)	SF	Risk
3750.00	3730.72	3701.83	106.87	8.03	8.03	2992.63	2977.10	192.68	
3780.00	3759.59	3730.71	106.50	8.10	8.10	2992.95	2977.30	191.26	
3810.00	3788.45	3759.58	89.73	8.16	8.16	2993.23	2977.45	189.70	
3840.00	3817.32	3788.45	73.61	8.23	8.23	2993.37	2977.46	188.09	
3870.00	3845.09	3816.22	60.19	8.29	8.29	2993.40	2977.37	186.78	
3875.00	3849.60	3820.73	58.27	8.30	8.30	2993.39	2977.35	186.60	
3900.00	3872.13	3843.27	48.83	8.35	8.35	2993.35	2977.22	185.60	
3930.00	3899.17	3870.32	33.66	8.41	8.40	2993.30	2977.06	184.36	
3960.00	3926.21	3897.36	14.85	8.46	8.46	2993.24	2976.87	182.81	
3970.00	3935.13	3906.28	8.27	8.48	8.48	2993.23	2976.81	182.28	
3990.00	3952.89	3924.04	10.00	8.52	8.52	2993.19	2976.68	181.32	
4020.00	3979.52	3950.68	12.15	8.58	8.58	2993.12	2976.49	179.95	
4050.00	4006.15	3977.32	13.91	8.63	8.63	2993.04	2976.29	178.66	
4065.00	4019.47	3990.64	14.66	8.66	8.66	2993.00	2976.19	178.04	
4080.00	4033.29	4004.47	15.39	8.69	8.69	2992.95	2976.08	177.38	
4110.00	4063.31	4034.50	16.64	8.75	8.75	2992.82	2975.84	176.20	
4140.00	4093.33	4064.53	17.68	8.82	8.81	2992.64	2975.56	175.23	
4160.00	4113.35	4084.56	18.29	8.86	8.85	2992.49	2975.30	174.06	
4170.00	4123.35	4094.57	17.18	8.88	8.88	2992.41	2975.17	173.59	
4200.00	4153.56	4124.78	13.56	8.94	8.94	2992.19	2974.84	172.39	
4230.00	4183.81	4155.04	9.47	9.01	9.00	2992.00	2974.50	170.89	
4255.00	4209.01	4180.26	5.66	9.06	9.06	2991.87	2974.27	170.02	
4260.00	4214.06	4185.30	6.23	9.07	9.07	2991.84	2974.22	169.80	
4275.00	4229.17	4200.42	7.83	9.10	9.10	2991.75	2974.07	169.16	
4290.00	4243.99	4215.24	7.20	9.13	9.13	2991.66	2973.93	168.70	
4320.00	4273.63	4244.89	5.89	9.20	9.19	2991.49	2973.61	167.34	
4350.00	4303.27	4274.54	4.51	9.26	9.26	2991.33	2973.34	166.19	
4380.00	4332.87	4304.16	3.08	9.32	9.32	2991.20	2973.10	165.31	
4386.00	4338.75	4310.04	2.78	9.34	9.33	2991.17	2973.06	165.17	
4410.00	4362.26	4333.55	5.12	9.39	9.38	2991.08	2972.87	164.28	
4440.00	4391.65	4362.95	8.20	9.45	9.45	2990.98	2972.63	163.02	
4470.00	4421.04	4392.35	11.44	9.51	9.51	2990.91	2972.43	161.81	
4481.00	4431.89	4403.20	12.67	9.54	9.53	2990.89	2972.36	161.37	
4500.00	4450.93	4422.26	11.15	9.58	9.58	2990.86	2972.25	160.68	
4530.00	4481.00	4452.34	8.75	9.65	9.64	2990.81	2972.04	159.40	
4560.00	4511.07	4482.42	6.35	9.71	9.71	2990.75	2971.85	158.23	
4575.00	4526.10	4497.46	5.16	9.74	9.74	2990.72	2971.75	157.67	
4590.00	4541.29	4512.64	5.59	9.78	9.77	2990.69	2971.65	157.12	
4620.00	4571.71	4543.08	6.44	9.85	9.84	2990.61	2971.47	156.20	
4650.00	4602.13	4573.51	7.25	9.91	9.91	2990.52	2971.25	155.13	
4670.00	4622.41	4593.80	7.78	9.96	9.95	2990.46	2971.08	154.36	
4680.00	4632.48	4603.87	7.88	9.98	9.97	2990.42	2971.00	153.99	
4710.00	4662.36	4633.76	8.18	10.05	10.04	2990.30	2970.77	153.10	
4740.00	4692.24	4663.65	8.45	10.11	10.11	2990.15	2970.51	152.19	
4765.00	4717.13	4688.55	8.67	10.17	10.16	2990.02	2970.25	151.27	
4770.00	4722.11	4693.53	8.68	10.18	10.17	2989.99	2970.20	151.09	
4800.00	4752.07	4723.50	8.76	10.25	10.24	2989.89	2969.97	150.12	
4830.00	4782.05	4753.50	8.89	10.32	10.31	2989.88	2969.85	149.26	
4860.00	4812.04	4783.49	9.10	10.38	10.38	2989.98	2969.83	148.39	
4890.00	4842.07	4813.54	13.95	10.45	10.44	2990.14	2969.86	147.48	
4920.00	4872.18	4843.66	18.69	10.52	10.51	2990.29	2969.87	146.41	
4950.00	4902.29	4873.77	23.27	10.59	10.58	2990.45	2969.88	145.40	
4955.00	4907.31	4878.79	24.01	10.60	10.59	2990.47	2969.88	145.23	
4980.00	4932.36	4903.86	24.44	10.66	10.65	2990.60	2969.89	144.41	
5010.00	4962.19	4933.69	24.96	10.72	10.71	2990.76	2969.91	143.45	
5040.00	4992.01	4963.52	25.48	10.79	10.78	2990.92	2969.94	142.54	
5050.00	5001.95	4973.46	25.65	10.81	10.80	2990.98	2969.95	142.24	
5070.00	5021.83	4993.35	25.33	10.86	10.85	2991.09	2969.97	141.66	

5D Anti-Collision Report

Secondary Well: Poker Lake Unit #067H (S) (TVD Relative to Kelly Bushing (Primary)) / All Azimuth Relative to GRID NORTH									
Pr MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
5100.00	5052.40	5023.93	24.86	10.93	10.92	2991.24	2970.00	140.79	
5130.00	5083.19	5054.72	24.41	11.00	10.99	2991.38	2970.01	139.95	
5145.00	5098.58	5070.12	24.19	11.03	11.02	2991.45	2970.01	139.54	
5160.00	5113.97	5085.52	23.61	11.07	11.06	2991.51	2970.01	139.13	
5190.00	5144.24	5115.80	22.55	11.14	11.13	2991.61	2969.98	138.34	
5220.00	5174.05	5145.61	21.59	11.21	11.20	2991.68	2969.94	137.57	
5240.00	5193.92	5165.49	21.00	11.25	11.24	2991.72	2969.88	136.99	
5250.00	5203.86	5175.43	20.34	11.28	11.27	2991.74	2969.85	136.69	
5280.00	5233.69	5205.27	18.85	11.34	11.33	2991.70	2969.68	135.81	
5310.00	5263.61	5235.20	17.83	11.41	11.40	2991.57	2969.40	134.96	
5335.00	5288.55	5260.15	17.20	11.47	11.46	2991.37	2969.09	134.27	
5340.00	5293.54	5265.14	16.55	11.48	11.47	2991.32	2969.02	134.13	
5370.00	5323.46	5295.07	12.21	11.55	11.54	2991.08	2968.64	133.32	
5400.00	5353.08	5324.69	6.94	11.62	11.61	2990.89	2968.32	132.54	
5430.00	5382.63	5354.26	0.53	11.69	11.68	2990.76	2968.06	131.77	
5460.00	5412.18	5383.82	359.41	11.76	11.75	2990.68	2967.85	131.03	
5490.00	5442.22	5413.86	358.15	11.83	11.81	2990.62	2967.67	130.30	
5520.00	5472.83	5444.49	356.73	11.90	11.89	2990.60	2967.52	129.56	
5525.00	5477.93	5449.59	356.48	11.91	11.90	2990.60	2967.49	129.44	
5550.00	5503.45	5475.11	337.67	11.97	11.96	2990.69	2967.48	128.86	
5580.00	5533.95	5505.62	251.29	12.04	12.03	2991.06	2967.72	128.18	
5610.00	5564.00	5535.68	215.92	12.11	12.10	2991.72	2968.26	127.54	
5620.00	5574.02	5545.70	212.05	12.14	12.12	2992.00	2968.51	127.33	
5640.00	5594.05	5565.74	210.67	12.18	12.17	2992.62	2969.04	126.94	
5670.00	5624.09	5595.79	208.89	12.25	12.24	2993.58	2969.87	126.26	
5700.00	5653.71	5625.42	207.38	12.32	12.31	2994.60	2970.75	125.54	
5715.00	5668.49	5640.20	206.71	12.36	12.34	2995.13	2971.21	125.19	
5730.00	5683.27	5654.98	206.41	12.39	12.38	2995.67	2971.68	124.86	
5760.00	5712.82	5684.54	205.82	12.46	12.45	2996.75	2972.63	124.22	
5790.00	5742.32	5714.05	205.22	12.53	12.52	2997.84	2973.59	123.60	
5809.00	5760.97	5732.71	204.84	12.58	12.56	2998.53	2974.20	123.21	
5820.00	5771.77	5743.51	205.26	12.60	12.59	2998.93	2974.55	122.98	
5850.00	5801.22	5772.97	206.45	12.67	12.66	3000.02	2975.50	122.36	
5880.00	5830.71	5802.47	207.67	12.74	12.73	3001.09	2976.45	121.78	
5904.00	5854.73	5826.49	208.68	12.80	12.78	3001.94	2977.20	121.34	
5910.00	5860.74	5832.50	208.69	12.81	12.80	3002.15	2977.39	121.22	
5940.00	5890.76	5862.53	208.72	12.88	12.87	3003.20	2978.30	120.64	
5970.00	5920.78	5892.56	208.76	12.96	12.94	3004.23	2979.18	119.94	
5999.00	5949.92	5921.72	208.79	13.03	13.01	3005.21	2980.01	119.28	
6000.00	5950.93	5922.73	208.90	13.03	13.01	3005.24	2980.04	119.26	
6030.00	5981.12	5952.93	212.08	13.10	13.08	3006.23	2980.89	118.62	
6060.00	6011.32	5983.13	215.44	13.17	13.16	3007.18	2981.70	118.00	
6090.00	6041.32	6013.15	218.98	13.24	13.23	3008.11	2982.49	117.42	
6094.00	6045.29	6017.12	219.46	13.25	13.24	3008.23	2982.59	117.34	
6120.00	6071.09	6042.92	220.81	13.32	13.30	3009.00	2983.25	116.85	
6150.00	6100.85	6072.69	222.38	13.39	13.37	3009.89	2984.02	116.32	
6180.00	6130.59	6102.44	223.98	13.46	13.44	3010.77	2984.78	115.83	
6189.00	6139.45	6111.31	224.46	13.48	13.46	3011.03	2985.00	115.68	
6210.00	6160.12	6131.98	225.37	13.53	13.51	3011.64	2985.51	115.25	
6240.00	6189.64	6161.51	226.64	13.60	13.58	3012.51	2986.23	114.61	
6270.00	6219.16	6191.04	227.88	13.67	13.65	3013.39	2986.95	114.01	
6284.00	6233.02	6204.91	228.45	13.71	13.69	3013.79	2987.29	113.73	
6300.00	6249.04	6220.93	227.12	13.75	13.73	3014.26	2987.68	113.43	
6330.00	6279.08	6250.98	224.53	13.82	13.80	3015.14	2988.43	112.89	
6360.00	6309.11	6281.02	221.81	13.89	13.87	3016.02	2989.18	112.38	
6379.00	6328.14	6300.05	220.02	13.94	13.92	3016.59	2989.67	112.08	
6390.00	6339.22	6311.14	220.46	13.97	13.94	3016.92	2989.95	111.90	
6420.00	6369.46	6341.39	221.71	14.04	14.02	3017.80	2990.71	111.42	

5D Anti-Collision Report

Secondary Well: Poker Lake Unit #067H (S) (TVD Relative to Kelly Bushing (Primary)) / All Azimuth Relative to GRID (NORTH)									
PRMD (USft)	TVD (USft)	SecMD (USft)	T-Face to Sec (°)	SI-Major (USft)	SI-Minor (USft)	CC (USft)	ES (USft)	SP	Risk
6450.00	6399.69	6371.63	223.00	14.11	14.09	3018.66	2991.43	110.88	
6474.00	6423.88	6395.83	224.07	14.17	14.15	3019.34	2991.98	110.38	
6480.00	6429.91	6401.86	223.78	14.19	14.17	3019.50	2992.12	110.27	
6510.00	6459.77	6431.73	222.36	14.26	14.24	3020.35	2992.82	109.71	
6540.00	6489.64	6461.61	220.95	14.33	14.31	3021.21	2993.54	109.20	
6568.00	6517.52	6489.49	219.65	14.40	14.38	3022.02	2994.25	108.80	
6570.00	6519.51	6491.49	219.69	14.41	14.38	3022.08	2994.29	108.74	
6600.00	6550.14	6522.13	220.32	14.48	14.46	3022.95	2995.04	108.34	
6630.00	6581.09	6553.09	221.00	14.56	14.54	3023.78	2995.71	107.69	
6660.00	6612.03	6584.04	221.72	14.64	14.61	3024.60	2996.38	107.18	
6663.00	6615.13	6587.14	221.80	14.64	14.62	3024.68	2996.44	107.12	
6690.00	6642.95	6614.97	216.45	14.71	14.69	3025.40	2997.06	106.77	
6720.00	6673.83	6645.86	210.10	14.79	14.77	3026.21	2997.72	106.25	
6750.00	6704.72	6676.76	203.44	14.87	14.84	3027.02	2998.38	105.70	
6758.00	6712.96	6685.00	201.63	14.89	14.86	3027.24	2998.56	105.56	
6780.00	6736.73	6708.78	205.98	14.95	14.92	3027.83	2999.04	105.17	
6810.00	6772.15	6744.21	211.54	15.04	15.01	3028.60	2999.66	104.64	
6840.00	6807.58	6779.65	216.64	15.13	15.10	3029.31	3000.21	104.13	
6853.00	6822.93	6795.00	218.70	15.17	15.14	3029.59	3000.44	103.91	
6870.00	6840.70	6812.78	217.82	15.22	15.19	3029.96	3000.73	103.64	
6900.00	6870.72	6842.81	216.22	15.29	15.27	3030.61	3001.24	103.19	
6930.00	6900.74	6872.84	214.57	15.37	15.34	3031.25	3001.75	102.74	
6948.00	6918.76	6890.85	213.54	15.42	15.39	3031.64	3002.06	102.48	
6960.00	6930.78	6902.88	214.93	15.45	15.42	3031.90	3002.26	102.30	
6990.00	6960.90	6933.01	218.30	15.53	15.50	3032.54	3002.77	101.85	
7020.00	6991.03	6963.15	221.50	15.60	15.58	3033.17	3003.26	101.41	
7043.00	7014.13	6986.25	223.83	15.66	15.64	3033.65	3003.64	101.08	
7050.00	7021.15	6993.28	223.95	15.68	15.65	3033.79	3003.75	100.97	
7080.00	7052.89	7025.02	224.48	15.77	15.74	3034.39	3004.20	100.51	
7110.00	7085.10	7057.24	225.08	15.85	15.82	3034.95	3004.61	100.04	
7138.00	7115.16	7087.30	225.69	15.93	15.90	3035.43	3004.96	99.61	
7140.00	7117.30	7089.45	225.92	15.93	15.91	3035.47	3004.98	99.58	
7170.00	7151.38	7123.53	229.34	16.02	15.99	3035.94	3005.30	99.09	
7200.00	7186.36	7158.52	232.86	16.11	16.09	3036.33	3005.54	98.60	
7230.00	7221.36	7193.52	236.46	16.21	16.18	3036.66	3005.71	98.11	
7233.00	7224.86	7197.02	236.82	16.22	16.19	3036.69	3005.72	98.06	
7260.00	7252.36	7224.53	239.05	16.29	16.26	3036.93	3005.83	97.64	
7290.00	7282.45	7254.62	241.53	16.37	16.34	3037.19	3005.94	97.19	
7320.00	7312.54	7284.72	244.00	16.45	16.42	3037.43	3006.04	96.75	
7329.00	7321.57	7293.75	244.74	16.47	16.44	3037.50	3006.06	96.62	
7350.00	7342.60	7314.78	244.24	16.52	16.49	3037.67	3006.12	96.31	
7380.00	7372.63	7344.81	243.51	16.60	16.57	3037.90	3006.21	95.87	
7410.00	7402.65	7374.84	242.77	16.68	16.65	3038.14	3006.31	95.45	
7424.00	7416.67	7388.86	242.42	16.72	16.69	3038.25	3006.35	95.25	
7440.00	7432.41	7404.60	251.32	16.76	16.73	3038.36	3006.38	95.02	
7470.00	7460.76	7432.96	275.18	16.83	16.80	3038.47	3006.36	94.61	
7500.00	7489.11	7461.31	304.17	16.91	16.88	3038.47	3006.22	94.19	
7519.00	7507.07	7479.27	319.71	16.96	16.93	3038.41	3006.07	93.94	
7530.00	7517.47	7489.67	320.28	16.98	16.95	3038.37	3005.97	93.79	
7560.00	7545.70	7517.91	321.82	17.06	17.03	3038.24	3005.71	93.39	
7590.00	7573.87	7546.08	323.31	17.13	17.10	3038.13	3005.46	93.01	
7614.00	7596.41	7568.62	324.47	17.19	17.16	3038.04	3005.27	92.72	
7620.00	7602.04	7574.26	326.36	17.20	17.17	3038.02	3005.23	92.65	
7650.00	7630.31	7602.53	336.42	17.28	17.25	3037.92	3005.01	92.30	
7680.00	7659.60	7631.82	347.07	17.36	17.32	3037.81	3004.78	91.96	
7709.00	7687.92	7660.14	357.29	17.43	17.40	3037.71	3004.53	91.56	
7710.00	7688.89	7661.12	357.37	17.43	17.40	3037.70	3004.52	91.54	
7740.00	7718.19	7690.42	359.74	17.51	17.48	3037.58	3004.25	91.11	

5D Anti-Collision Report

Secondary Well: Packer Lake Unit #067H (S) (NVD Relative to Kelly Bushing (Primary)); All Azimuth Relative to GRID NORTH									Risk
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF	
7770.00	7746.24	7718.47	1.92	17.58	17.55	3037.46	3003.97	90.71	
7800.00	7773.68	7745.92	3.91	17.65	17.62	3037.35	3003.72	90.32	
7804.00	7777.34	7749.58	4.16	17.66	17.63	3037.33	3003.69	90.27	
7830.00	7801.13	7773.38	4.50	17.72	17.69	3037.25	3003.48	89.94	
7860.00	7828.63	7800.88	4.90	17.79	17.76	3037.17	3003.27	89.58	
7890.00	7857.92	7830.17	5.28	17.87	17.84	3037.11	3003.07	89.22	
7899.00	7866.70	7838.96	5.39	17.89	17.86	3037.09	3003.01	89.12	
7920.00	7887.20	7859.46	2.54	17.95	17.91	3037.05	3002.88	88.89	
7950.00	7916.49	7888.76	358.44	18.02	17.99	3037.00	3002.71	88.57	
7980.00	7945.98	7918.25	354.34	18.10	18.06	3036.96	3002.56	88.28	
7994.00	7959.80	7932.08	352.44	18.13	18.10	3036.94	3002.46	88.08	
8010.00	7975.60	7947.88	351.82	18.17	18.14	3036.92	3002.35	87.85	
8040.00	8005.22	7977.50	350.68	18.25	18.21	3036.88	3002.15	87.45	
8070.00	8034.80	8007.10	349.54	18.32	18.29	3036.84	3001.97	87.07	
8100.00	8064.29	8036.59	348.42	18.40	18.36	3036.81	3001.80	86.74	
8130.00	8093.77	8066.08	347.32	18.47	18.44	3036.79	3001.65	86.43	
8160.00	8123.25	8095.57	346.22	18.55	18.51	3036.76	3001.52	86.17	
8184.00	8147.33	8119.65	345.36	18.61	18.58	3036.75	3001.39	85.88	
8190.00	8153.38	8125.70	345.41	18.63	18.59	3036.74	3001.35	85.80	
8220.00	8183.63	8155.95	345.69	18.70	18.67	3036.74	3001.18	85.41	
8250.00	8213.87	8186.20	346.02	18.78	18.75	3036.75	3001.05	85.05	
8280.00	8245.20	8217.54	346.41	18.86	18.83	3036.79	3000.94	84.70	
8310.00	8277.46	8249.80	346.87	18.95	18.91	3036.83	3000.84	84.37	
8340.00	8309.71	8282.06	347.43	19.03	18.99	3036.88	3000.75	84.07	
8370.00	8341.88	8314.23	348.12	19.11	19.07	3036.92	3000.68	83.80	
8375.00	8347.22	8319.58	348.25	19.12	19.09	3036.93	3000.67	83.75	
8400.00	8373.94	8346.30	344.31	19.19	19.16	3036.98	3000.60	83.50	
8430.00	8405.99	8378.36	337.61	19.28	19.24	3037.05	3000.52	83.13	
8460.00	8438.81	8411.18	327.35	19.36	19.32	3037.14	3000.45	82.77	
8470.00	8450.27	8422.64	322.76	19.39	19.35	3037.18	3000.43	82.65	
8490.00	8473.19	8445.56	298.24	19.45	19.41	3037.23	3000.38	82.42	
8520.00	8507.58	8479.95	280.72	19.54	19.50	3037.31	3000.31	82.08	
8550.00	8540.52	8512.90	272.73	19.63	19.59	3037.38	3000.22	81.75	
8565.00	8555.99	8528.37	270.24	19.67	19.63	3037.41	3000.18	81.59	
8580.00	8571.46	8543.84	267.42	19.71	19.67	3037.45	3000.16	81.44	
8610.00	8602.39	8574.77	262.80	19.79	19.75	3037.56	3000.13	81.15	
8640.00	8633.15	8605.54	259.22	19.87	19.83	3037.70	3000.13	80.86	
8660.00	8653.16	8625.55	257.26	19.92	19.89	3037.82	3000.16	80.67	
8670.00	8663.16	8635.55	259.91	19.95	19.91	3037.87	3000.17	80.57	
8700.00	8693.18	8665.57	269.05	20.03	19.99	3037.98	3000.14	80.28	
8730.00	8723.19	8695.58	279.98	20.11	20.07	3038.00	3000.03	79.99	
8755.00	8749.32	8721.72	290.18	20.18	20.14	3037.95	2999.86	79.75	
8760.00	8754.60	8727.00	291.12	20.19	20.15	3037.93	2999.81	79.69	
8790.00	8786.25	8758.65	300.09	20.27	20.23	3037.82	2999.54	79.36	
8820.00	8817.91	8790.31	323.83	20.36	20.32	3037.70	2999.27	79.04	
8849.00	8848.35	8820.75	21.10	20.43	20.39	3037.58	2999.01	78.74	
8850.00	8849.39	8821.80	22.78	20.44	20.40	3037.58	2999.00	78.73	
8880.00	8880.80	8853.20	85.91	20.52	20.48	3037.51	2998.78	78.45	
8910.00	8912.20	8884.61	115.85	20.60	20.56	3037.53	2998.67	78.16	
8940.00	8942.96	8915.37	126.30	20.68	20.64	3037.64	2998.65	77.89	
8943.00	8945.98	8918.39	126.95	20.68	20.64	3037.66	2998.65	77.87	
8970.00	8973.10	8945.51	129.90	20.75	20.71	3037.85	2998.73	77.66	
9000.00	9003.24	8975.65	132.33	20.83	20.79	3038.11	2998.85	77.39	
9030.00	9032.88	9005.29	134.17	20.90	20.86	3038.43	2999.01	77.09	
9038.00	9040.23	9012.64	134.59	20.92	20.88	3038.53	2999.07	77.01	
9060.00	9060.44	9032.85	130.35	20.97	20.93	3038.80	2999.23	76.80	
9090.00	9088.00	9060.41	124.55	21.05	21.01	3039.15	2999.44	76.54	
9120.00	9115.56	9087.98	118.84	21.12	21.08	3039.47	2999.63	76.28	

5D Anti-Collision Report

Secondary Wall: Poker Lake Unit #067H (S) (IVD Relative to Kelly Bushing (Primary)) All Azimuth Relative to GRID NORTH									
PR MD (US ft)	IVD (US ft)	Sec MD (US ft)	TR Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF	RER
9133.00	9127.51	9099.92	116.42	21.15	21.11	3039.61	2999.71	76.18	
9150.00	9141.35	9113.76	112.59	21.18	21.14	3039.79	2999.82	76.05	
9180.00	9165.75	9138.17	106.99	21.24	21.20	3040.12	3000.02	75.83	
9210.00	9190.16	9162.57	102.55	21.31	21.27	3040.46	3000.26	75.63	
9228.00	9204.80	9177.22	100.33	21.34	21.30	3040.68	3000.42	75.51	
9240.00	9214.56	9186.98	100.35	21.37	21.33	3040.84	3000.53	75.43	
9270.00	9239.46	9211.88	100.40	21.43	21.39	3041.26	3000.85	75.25	
9300.00	9264.92	9237.34	100.45	21.49	21.45	3041.74	3001.20	75.02	
9318.00	9280.19	9252.62	100.48	21.53	21.49	3042.05	3001.41	74.85	
9330.00	9290.38	9262.80	100.66	21.55	21.51	3042.27	3001.57	74.75	
9360.00	9315.84	9288.27	101.11	21.61	21.57	3042.85	3002.02	74.51	
9390.00	9342.91	9315.35	101.55	21.67	21.63	3043.49	3002.52	74.29	
9414.00	9365.68	9338.12	101.90	21.72	21.68	3044.01	3002.96	74.15	
9420.00	9371.37	9343.81	101.95	21.74	21.70	3044.14	3003.07	74.12	
9450.00	9399.83	9372.27	102.19	21.80	21.76	3044.82	3003.66	73.98	
9480.00	9428.32	9400.77	102.43	21.87	21.83	3045.53	3004.18	73.65	
9509.00	9457.26	9429.71	102.64	21.93	21.89	3046.22	3004.77	73.49	
9510.00	9458.25	9430.71	102.68	21.93	21.89	3046.25	3004.79	73.48	
9540.00	9488.18	9460.64	103.91	22.00	21.96	3046.98	3005.40	73.28	
9570.00	9518.11	9490.58	105.21	22.07	22.03	3047.72	3006.03	73.11	
9600.00	9548.80	9521.27	106.60	22.14	22.10	3048.48	3006.62	72.84	
9602.00	9550.87	9523.34	106.70	22.15	22.11	3048.53	3006.68	72.86	
9630.00	9579.84	9552.32	107.48	22.21	22.17	3049.23	3007.22	72.59	
9660.00	9610.89	9583.37	108.36	22.29	22.25	3049.98	3007.85	72.39	
9662.00	9612.96	9585.44	108.42	22.29	22.25	3050.03	3007.89	72.37	
9690.00	9642.03	9614.52	108.43	22.36	22.32	3050.73	3008.47	72.19	
9720.00	9673.30	9645.79	108.44	22.44	22.39	3051.47	3009.00	71.86	
9750.00	9704.57	9677.07	52.51	22.51	22.47	3051.90	3009.30	71.64	
9780.00	9735.71	9708.22	19.67	22.58	22.54	3051.01	3008.29	71.41	
9810.00	9766.46	9738.97	10.70	22.65	22.61	3048.71	3005.89	71.20	
9840.00	9797.06	9769.58	6.77	22.73	22.68	3044.99	3001.98	70.80	
9870.00	9827.45	9799.97	4.57	22.80	22.75	3039.86	2996.77	70.54	
9900.00	9855.57	9828.09	3.16	22.85	22.81	3033.35	2990.14	70.19	
9930.00	9883.36	9855.88	2.18	22.91	22.87	3025.49	2982.11	69.75	
9960.00	9910.78	9883.30	1.45	22.97	22.92	3016.28	2972.83	69.42	
9990.00	9937.83	9910.36	0.87	23.02	22.97	3005.74	2962.19	69.01	
10020.00	9964.52	9937.05	0.39	23.06	23.02	2993.91	2950.24	68.55	
10050.00	9990.65	9963.18	359.99	23.11	23.07	2980.80	2937.01	68.07	
10080.00	10016.16	9988.70	359.63	23.15	23.11	2966.45	2922.55	67.57	
10110.00	10041.35	10013.89	359.31	23.20	23.15	2950.88	2906.88	67.06	
10140.00	10066.09	10038.63	359.00	23.24	23.20	2934.12	2890.02	66.53	
10170.00	10090.01	10062.56	358.70	23.28	23.24	2916.21	2872.02	65.99	
10200.00	10113.08	10085.63	358.41	23.32	23.28	2897.19	2852.92	65.43	
10230.00	10135.52	10108.08	358.10	23.36	23.31	2877.11	2832.75	64.85	
10260.00	10157.50	10130.06	357.79	23.39	23.35	2855.99	2811.55	64.27	
10290.00	10178.42	10150.98	357.45	23.43	23.38	2833.90	2789.38	63.66	
10320.00	10198.24	10170.80	357.08	23.46	23.42	2810.87	2766.28	63.04	
10350.00	10216.90	10189.46	356.67	23.49	23.45	2786.96	2742.31	62.41	
10380.00	10235.54	10208.10	356.20	23.52	23.47	2762.22	2717.51	61.78	
10410.00	10254.47	10227.04	355.66	23.54	23.49	2736.70	2691.94	61.14	
10440.00	10271.87	10244.44	355.01	23.56	23.51	2710.45	2665.64	60.49	
10470.00	10287.70	10260.27	354.23	23.57	23.53	2683.54	2638.69	59.83	
10500.00	10301.94	10274.52	353.27	23.59	23.54	2656.03	2611.14	59.17	
10530.00	10314.57	10287.14	352.04	23.60	23.56	2627.98	2583.06	58.50	
10560.00	10325.56	10298.13	350.41	23.62	23.57	2599.47	2554.52	57.83	
10590.00	10333.66	10306.24	348.18	23.62	23.58	2570.55	2525.58	57.16	
10620.00	10340.10	10312.67	344.94	23.63	23.58	2541.29	2496.31	56.49	
10650.00	10345.16	10317.74	339.81	23.63	23.58	2511.77	2466.78	55.82	

5D Anti-Collision Report

Secondary Well: Poker Lake Unit #067H (S) (TVD Relative to Kelly Bushing (Primary)) All Azimuth Relative to GRID NORTH									
PR MD (US ft)	TVD (US ft)	Sec MD (US ft)	TR Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SP	Risk
10680.00	10348.84	10321.41	330.74	23.63	23.59	2482.05	2437.04	55.15	
10710.00	10351.12	10323.69	312.30	23.63	23.59	2452.18	2407.17	54.48	
10740.00	10352.01	10324.58	279.70	23.63	23.59	2422.25	2377.23	53.81	
10770.00	10352.33	10324.90	279.57	23.63	23.59	2392.31	2347.29	53.14	
10800.00	10352.65	10325.23	279.45	23.63	23.59	2362.36	2317.35	52.48	
10830.00	10352.97	10325.55	279.32	23.64	23.59	2332.42	2287.40	51.81	
10860.00	10353.29	10325.87	279.20	23.64	23.59	2302.48	2257.46	51.15	
10890.00	10353.62	10326.19	279.08	23.64	23.59	2272.54	2227.52	50.48	
10920.00	10353.94	10326.51	278.95	23.64	23.59	2242.60	2197.59	49.82	
10950.00	10354.26	10326.84	278.83	23.64	23.59	2212.67	2167.65	49.15	
10980.00	10354.58	10327.16	278.70	23.64	23.59	2182.74	2137.72	48.48	
11010.00	10354.90	10327.48	278.58	23.64	23.59	2152.80	2107.78	47.82	
11040.00	10355.23	10327.80	278.45	23.64	23.59	2122.87	2077.85	47.15	
11070.00	10355.55	10328.13	278.33	23.64	23.59	2092.94	2047.92	46.49	
11100.00	10355.87	10328.45	278.20	23.64	23.59	2063.02	2018.00	45.82	
11130.00	10356.20	10328.77	278.07	23.64	23.59	2033.09	1988.07	45.16	
11160.00	10356.52	10329.09	277.95	23.64	23.59	2003.17	1958.15	44.49	
11190.00	10356.84	10329.42	277.82	23.64	23.59	1973.25	1928.23	43.83	
11220.00	10357.16	10329.74	277.70	23.64	23.59	1943.34	1898.31	43.16	
11250.00	10357.49	10330.06	277.57	23.64	23.59	1913.42	1868.39	42.49	
11280.00	10357.81	10330.39	277.45	23.64	23.59	1883.51	1838.47	41.82	
11310.00	10358.13	10330.71	277.32	23.64	23.59	1853.60	1808.55	41.14	
11340.00	10358.46	10331.03	277.19	23.64	23.59	1823.69	1778.63	40.47	
11370.00	10358.78	10331.36	277.07	23.64	23.59	1793.79	1748.72	39.80	
11400.00	10359.10	10331.68	276.94	23.64	23.59	1763.89	1718.81	39.12	
11430.00	10359.43	10332.00	276.81	23.64	23.59	1733.99	1688.90	38.45	
11460.00	10359.75	10332.33	276.69	23.64	23.59	1704.10	1658.99	37.78	
11490.00	10360.07	10332.65	276.56	23.64	23.59	1674.21	1629.09	37.10	
11520.00	10360.40	10332.97	276.43	23.64	23.59	1644.33	1599.18	36.42	
11550.00	10360.72	10333.30	276.31	23.64	23.59	1614.45	1569.28	35.75	
11580.00	10361.05	10333.62	276.18	23.64	23.59	1584.57	1539.39	35.07	
11610.00	10361.37	10333.95	276.05	23.64	23.59	1554.70	1509.50	34.40	
11640.00	10361.69	10334.27	275.92	23.64	23.59	1524.83	1479.62	33.73	
11670.00	10362.02	10334.59	275.80	23.64	23.59	1494.97	1449.74	33.05	
11700.00	10362.34	10334.92	275.67	23.64	23.59	1465.11	1419.87	32.38	
11730.00	10362.67	10335.24	275.54	23.64	23.59	1435.26	1390.01	31.71	
11760.00	10362.99	10335.57	275.41	23.64	23.59	1405.42	1360.15	31.05	
11790.00	10363.31	10335.89	275.29	23.64	23.59	1375.58	1330.28	30.37	
11820.00	10363.64	10336.22	275.16	23.64	23.59	1345.75	1300.41	29.68	
11850.00	10363.96	10336.54	275.03	23.64	23.59	1315.93	1270.54	28.99	
11880.00	10364.29	10336.87	274.90	23.64	23.60	1286.12	1240.68	28.31	
11910.00	10364.61	10337.19	274.77	23.64	23.60	1256.31	1210.84	27.63	
11940.00	10364.94	10337.51	274.65	23.64	23.60	1226.52	1181.01	26.95	
11970.00	10365.26	10337.84	274.52	23.64	23.60	1196.73	1151.22	26.29	
12000.00	10365.59	10338.16	274.39	23.64	23.60	1166.95	1121.46	25.65	
12030.00	10365.91	10338.49	274.26	23.64	23.60	1137.19	1091.60	24.94	
12060.00	10366.24	10338.81	274.13	23.64	23.60	1107.44	1061.91	24.32	
12090.00	10366.56	10339.14	274.00	23.64	23.60	1077.70	1032.05	23.61	
12120.00	10366.89	10339.46	273.88	23.64	23.60	1047.98	1002.24	22.91	
12150.00	10367.21	10339.79	273.75	23.64	23.60	1018.28	972.49	22.24	
12180.00	10367.54	10340.11	273.62	23.64	23.60	988.59	942.74	21.56	
12210.00	10367.86	10340.44	273.49	23.64	23.60	958.92	913.03	20.89	
12240.00	10368.19	10340.77	273.36	23.64	23.60	929.27	883.36	20.24	
12270.00	10368.51	10341.09	273.23	23.65	23.60	899.65	853.62	19.55	
12300.00	10368.84	10341.42	273.10	23.65	23.60	870.05	823.93	18.87	
12330.00	10369.16	10341.74	272.97	23.65	23.60	840.48	794.27	18.19	
12360.00	10369.49	10342.07	272.84	23.65	23.60	810.94	764.64	17.51	
12390.00	10369.82	10342.39	272.72	23.65	23.60	781.44	735.04	16.84	

5D Anti-Collision Report

Secondary Well: Poker Lake Unit #067H(s) (TVD Relative to Kelly Bushing (Primary)) / All Azimuth Relative to GRID NORTH									
Rd MD (USft)	TVD (USft)	Sec MD (USft)	T-Trace to Sec (°)	S-Major (USft)	S-Minor (USft)	CG (USft)	ES (USft)	SF	Risk
12420.00	10370.14	10342.72	272.59	23.65	23.60	751.97	705.47	16.17	
12450.00	10370.47	10343.05	272.46	23.65	23.60	722.55	675.93	15.50	
12480.00	10370.79	10343.37	272.33	23.65	23.60	693.18	646.45	14.83	
12510.00	10371.12	10343.70	272.20	23.65	23.60	663.86	616.96	14.15	
12540.00	10371.45	10344.02	272.07	23.65	23.60	634.61	587.51	13.47	
12570.00	10371.77	10344.35	271.94	23.65	23.60	605.43	558.09	12.79	
12600.00	10372.10	10344.68	271.81	23.65	23.60	576.34	528.75	12.11	
12630.00	10372.43	10345.00	271.68	23.65	23.60	547.34	499.45	11.43	
12660.00	10372.75	10345.33	271.55	23.65	23.60	518.46	470.22	10.75	
12690.00	10373.08	10345.66	271.42	23.65	23.60	489.71	441.10	10.07	
12720.00	10373.41	10345.98	271.29	23.65	23.60	461.12	412.01	9.39	
12750.00	10373.73	10346.31	271.16	23.65	23.60	432.73	383.01	8.70	
12780.00	10374.06	10346.64	271.03	23.65	23.60	404.56	354.19	8.03	
12810.00	10374.39	10346.96	270.90	23.65	23.60	376.67	325.60	7.37	
12840.00	10374.71	10347.29	270.77	23.65	23.60	349.14	297.19	6.72	
12870.00	10375.04	10347.62	270.64	23.65	23.60	322.05	268.83	6.05	
12900.00	10375.37	10347.94	270.51	23.65	23.60	295.52	240.87	5.41	
12930.00	10375.69	10348.27	270.38	23.65	23.60	269.71	213.41	4.79	
12960.00	10376.02	10348.60	270.25	23.65	23.60	244.87	186.41	4.19	
12990.00	10376.35	10348.93	270.12	23.65	23.60	221.30	160.34	3.63	
13020.00	10376.68	10349.25	269.99	23.65	23.60	199.47	135.45	3.12	
13050.00	10377.00	10349.58	269.86	23.65	23.60	180.00	112.56	2.67	
13080.00	10377.33	10349.91	269.73	23.65	23.60	163.75	92.60	2.30	
13110.00	10377.66	10350.24	269.60	23.65	23.60	151.75	77.21	2.04	
13140.00	10377.99	10350.56	269.47	23.65	23.60	145.06	68.21	1.89	SF (Lo)
13170.00	10378.31	10350.89	269.34	23.65	23.60	144.42	66.94	1.86	SF (Lo)
13200.00	10378.64	10351.22	269.21	23.65	23.60	149.90	73.64	1.97	SF (Lo)
13230.00	10378.97	10351.55	269.08	23.65	23.60	160.88	87.08	2.18	
13260.00	10379.30	10351.88	268.94	23.65	23.61	176.34	105.86	2.50	
13290.00	10379.62	10352.20	268.81	23.65	23.61	195.21	127.74	2.89	
13320.00	10379.95	10352.53	268.68	23.65	23.61	216.61	152.08	3.36	
13350.00	10380.28	10352.86	268.55	23.65	23.61	239.86	177.88	3.87	
13380.00	10380.61	10353.19	268.42	23.65	23.61	264.47	204.56	4.41	
13410.00	10380.94	10353.52	268.29	23.65	23.61	290.09	232.01	4.99	
13440.00	10381.27	10353.85	268.16	23.65	23.61	316.49	259.95	5.60	
13470.00	10381.59	10354.17	268.03	23.65	23.61	343.48	288.15	6.21	
13500.00	10381.92	10354.50	267.90	23.65	23.61	370.93	316.61	6.83	
13530.00	10382.25	10354.83	267.77	23.65	23.61	398.75	345.33	7.47	
13560.00	10382.58	10355.16	267.64	23.65	23.61	426.86	374.24	8.11	
13590.00	10382.91	10355.49	267.51	23.65	23.61	455.21	403.19	8.75	
13620.00	10383.24	10355.82	267.38	23.65	23.61	483.76	432.28	9.40	
13650.00	10383.57	10356.15	267.25	23.66	23.61	512.48	461.50	10.05	
13680.00	10383.90	10356.48	267.11	23.66	23.61	541.34	490.81	10.71	
13710.00	10384.22	10356.80	266.98	23.66	23.61	570.31	520.15	11.37	
13740.00	10384.55	10357.13	266.85	23.66	23.61	599.39	549.56	12.03	
13770.00	10384.88	10357.46	266.72	23.66	23.61	628.55	578.97	12.68	
13800.00	10385.21	10357.79	266.59	23.66	23.61	657.79	608.41	13.32	
13830.00	10385.54	10358.12	266.46	23.66	23.61	687.09	637.90	13.97	
13860.00	10385.87	10358.45	266.33	23.66	23.61	716.45	667.44	14.62	
13890.00	10386.20	10358.78	266.20	23.66	23.61	745.86	697.02	15.27	
13920.00	10386.53	10359.11	266.07	23.66	23.61	775.32	726.63	15.92	
13950.00	10386.86	10359.44	265.94	23.66	23.61	804.81	756.27	16.58	
13980.00	10387.19	10359.77	265.81	23.66	23.61	834.34	785.94	17.24	
14010.00	10387.52	10360.10	265.68	23.66	23.61	863.91	815.63	17.89	
14040.00	10387.85	10360.43	265.55	23.66	23.61	893.50	845.34	18.55	
14070.00	10388.18	10360.76	265.41	23.66	23.61	923.12	875.07	19.21	
14100.00	10388.51	10361.09	265.28	23.66	23.61	952.76	904.82	19.87	
14130.00	10388.84	10361.42	265.15	23.66	23.61	982.43	934.56	20.52	

SD Anti-Collision Report

Secondary Well: Poker Lake Unit #067H (S) (TVD Relative to Kelly Bushing (Primary)) ; All Azimuth Relative to GRID NORTH									
RI MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (ft)	SI Major (US ft)	SI Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
14160.00	10389.17	10361.75	265.02	23.66	23.61	1012.11	964.30	21.17	
14190.00	10389.50	10362.08	264.89	23.66	23.61	1041.81	994.05	21.81	
14220.00	10389.83	10362.41	264.76	23.66	23.61	1071.53	1023.82	22.46	
14250.00	10390.16	10362.74	264.63	23.66	23.61	1101.27	1053.60	23.10	
14280.00	10390.49	10363.07	264.50	23.66	23.61	1131.01	1083.39	23.75	
14310.00	10390.82	10363.40	264.37	23.66	23.61	1160.77	1113.19	24.40	
14340.00	10391.15	10363.73	264.24	23.66	23.61	1190.55	1143.00	25.04	
14370.00	10391.48	10364.06	264.11	23.66	23.61	1220.33	1172.83	25.69	
14400.00	10391.81	10364.39	263.98	23.66	23.61	1250.12	1202.65	26.33	
14430.00	10392.14	10364.72	263.85	23.66	23.61	1279.93	1232.49	26.98	
14460.00	10392.48	10365.06	263.72	23.66	23.61	1309.74	1262.33	27.63	
14490.00	10392.81	10365.39	263.59	23.66	23.61	1339.56	1292.18	28.27	
14520.00	10393.14	10365.72	263.46	23.66	23.61	1369.39	1322.04	28.92	
14550.00	10393.47	10366.05	263.33	23.66	23.61	1399.22	1351.90	29.57	
14580.00	10393.80	10366.38	263.19	23.66	23.61	1429.07	1381.77	30.21	
14610.00	10394.13	10366.71	263.06	23.66	23.61	1458.92	1411.64	30.86	
14640.00	10394.46	10367.04	262.93	23.66	23.62	1488.77	1441.52	31.51	
14670.00	10394.79	10367.37	262.80	23.66	23.62	1518.63	1471.40	32.15	
14700.00	10395.13	10367.71	262.67	23.66	23.62	1548.50	1501.28	32.79	
14730.00	10395.46	10368.04	262.54	23.66	23.62	1578.37	1531.16	33.43	
14760.00	10395.79	10368.37	262.41	23.66	23.62	1608.24	1561.04	34.07	
14790.00	10396.12	10368.70	262.28	23.66	23.62	1638.12	1590.93	34.71	
14820.00	10396.45	10369.03	262.15	23.66	23.62	1668.01	1620.82	35.35	
14850.00	10396.78	10369.37	262.02	23.66	23.62	1697.90	1650.72	35.99	
14880.00	10397.12	10369.70	261.89	23.66	23.62	1727.79	1680.62	36.63	
14910.00	10397.45	10370.03	261.76	23.66	23.62	1757.68	1710.52	37.27	
14940.00	10397.78	10370.36	261.63	23.66	23.62	1787.58	1740.43	37.91	
14970.00	10398.11	10370.69	261.50	23.66	23.62	1817.49	1770.33	38.54	
15000.00	10398.45	10371.03	261.37	23.66	23.62	1847.39	1800.24	39.18	
15030.00	10398.78	10371.36	261.24	23.66	23.62	1877.30	1830.15	39.82	
15060.00	10399.11	10371.69	261.11	23.67	23.62	1907.21	1860.07	40.46	
15090.00	10399.44	10372.02	260.98	23.67	23.62	1937.12	1889.98	41.09	
15120.00	10399.78	10372.36	260.86	23.67	23.62	1967.04	1919.90	41.72	
15150.00	10400.11	10372.69	260.73	23.67	23.62	1996.96	1949.81	42.35	
15180.00	10400.44	10373.02	260.60	23.67	23.62	2026.88	1979.72	42.98	
15210.00	10400.77	10373.35	260.47	23.67	23.62	2056.81	2009.63	43.60	
15240.00	10401.11	10373.69	260.34	23.67	23.62	2086.73	2039.55	44.23	
15270.00	10401.44	10374.02	260.21	23.67	23.62	2116.66	2069.46	44.85	
15300.00	10401.77	10374.35	260.08	23.67	23.62	2146.59	2099.38	45.47	
15330.00	10402.11	10374.69	259.95	23.67	23.62	2176.52	2129.30	46.10	
15360.00	10402.44	10375.02	259.82	23.67	23.62	2206.45	2159.23	46.72	
15390.00	10402.77	10375.35	259.69	23.67	23.62	2236.39	2189.15	47.34	
15420.00	10403.11	10375.69	259.56	23.67	23.62	2266.33	2219.07	47.96	
15450.00	10403.44	10376.02	259.43	23.67	23.62	2296.26	2249.00	48.58	
15480.00	10403.77	10376.35	259.31	23.67	23.62	2326.20	2278.93	49.21	
15510.00	10404.11	10376.69	259.18	23.67	23.62	2356.15	2308.86	49.83	
15540.00	10404.44	10377.02	259.05	23.67	23.62	2386.09	2338.79	50.45	
15570.00	10404.77	10377.35	258.92	23.67	23.62	2416.03	2368.72	51.07	
15600.00	10405.11	10377.69	258.79	23.67	23.62	2445.98	2398.65	51.68	
15630.00	10405.44	10378.02	258.66	23.67	23.62	2475.92	2428.59	52.30	
15660.00	10405.77	10378.36	258.53	23.67	23.62	2505.87	2458.52	52.92	
15690.00	10406.11	10378.69	258.41	23.67	23.62	2535.82	2488.46	53.54	
15720.00	10406.44	10379.02	258.28	23.67	23.62	2565.77	2518.39	54.16	
15750.00	10406.78	10379.36	258.15	23.67	23.62	2595.72	2548.33	54.77	
15780.00	10407.11	10379.69	258.02	23.67	23.62	2625.68	2578.27	55.39	
15810.00	10407.45	10380.03	257.89	23.67	23.62	2655.63	2608.21	56.00	
15840.00	10407.78	10380.36	257.77	23.67	23.62	2685.58	2638.15	56.62	
15870.00	10408.11	10380.70	257.64	23.67	23.62	2715.54	2668.09	57.23	

5D Anti-Collision Report

Secondary Wall: Poker Lake Unit #067H (-S) (TVD Relative to Kelly Bushing (Primary)) ; All Azimuth Relative to GRID NORTH									
Pr MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CG (US ft)	ES (US ft)	SP	Risk
15900.00	10408.45	10381.03	257.51	23.67	23.62	2745.50	2698.04	57.85	
15930.00	10408.78	10381.37	257.38	23.67	23.62	2775.45	2727.98	58.46	
15960.00	10409.12	10381.70	257.26	23.67	23.62	2805.41	2757.92	59.07	
15990.00	10409.45	10382.04	257.13	23.67	23.62	2835.37	2787.87	59.69	
16020.00	10409.79	10382.37	257.00	23.67	23.63	2865.33	2817.81	60.30	
16050.00	10410.12	10382.71	256.87	23.67	23.63	2895.29	2847.76	60.91	
16080.00	10410.46	10383.04	256.75	23.67	23.63	2925.25	2877.70	61.52	
16110.00	10410.79	10383.38	256.62	23.67	23.63	2955.22	2907.65	62.13	
16140.00	10411.13	10383.71	256.49	23.67	23.63	2985.18	2937.60	62.74	
16170.00	10411.46	10384.05	256.37	23.67	23.63	3015.14	2967.55	63.35	
16200.00	10411.80	10384.38	256.24	23.67	23.63	3045.11	2997.49	63.96	
16230.00	10412.13	10384.72	256.11	23.67	23.63	3075.07	3027.44	64.56	
16260.00	10412.47	10385.05	255.99	23.67	23.63	3105.04	3057.39	65.17	
16290.00	10412.81	10385.39	255.86	23.67	23.63	3135.00	3087.34	65.78	
16320.00	10413.14	10385.72	255.73	23.67	23.63	3164.97	3117.29	66.39	
16350.00	10413.48	10386.06	255.61	23.67	23.63	3194.94	3147.25	66.99	
16380.00	10413.81	10386.40	255.48	23.67	23.63	3224.91	3177.20	67.60	
16410.00	10414.15	10386.73	255.36	23.67	23.63	3254.87	3207.15	68.20	
16440.00	10414.48	10387.07	255.23	23.68	23.63	3284.84	3237.10	68.80	
16470.00	10414.82	10387.40	255.10	23.68	23.63	3314.81	3267.05	69.41	
16500.00	10415.16	10387.74	254.98	23.68	23.63	3344.78	3297.01	70.01	
16530.00	10415.49	10388.08	254.85	23.68	23.63	3374.75	3326.96	70.61	
16560.00	10415.83	10388.41	254.73	23.68	23.63	3404.72	3356.91	71.21	
16590.00	10416.17	10388.75	254.60	23.68	23.63	3434.70	3386.87	71.81	
16620.00	10416.50	10389.08	254.48	23.68	23.63	3464.67	3416.82	72.41	
16650.00	10416.84	10389.42	254.35	23.68	23.63	3494.64	3446.78	73.01	
16680.00	10417.17	10389.76	254.23	23.68	23.63	3524.61	3476.73	73.61	
16710.00	10417.51	10390.09	254.10	23.68	23.63	3554.59	3506.69	74.21	
16740.00	10417.85	10390.43	253.98	23.68	23.63	3584.56	3536.65	74.81	
16770.00	10418.19	10390.77	253.85	23.68	23.63	3614.53	3566.60	75.41	
16800.00	10418.52	10391.10	253.73	23.68	23.63	3644.51	3596.56	76.00	
16830.00	10418.86	10391.44	253.60	23.68	23.63	3674.48	3626.51	76.60	
16860.00	10419.20	10391.78	253.48	23.68	23.63	3704.46	3656.47	77.20	
16890.00	10419.53	10392.12	253.36	23.68	23.63	3734.44	3686.43	77.79	
16920.00	10419.87	10392.45	253.23	23.68	23.63	3764.41	3716.39	78.39	
16950.00	10420.21	10392.79	253.11	23.68	23.63	3794.39	3746.34	78.98	
16980.00	10420.54	10393.13	252.99	23.68	23.63	3824.36	3776.30	79.57	
17010.00	10420.88	10393.47	252.86	23.68	23.63	3854.34	3806.26	80.16	
17040.00	10421.22	10393.80	252.74	23.68	23.63	3884.32	3836.22	80.76	
17070.00	10421.56	10394.14	252.61	23.68	23.63	3914.30	3866.18	81.35	
17100.00	10421.89	10394.48	252.49	23.68	23.63	3944.27	3896.14	81.94	
17130.00	10422.23	10394.82	252.37	23.68	23.63	3974.25	3926.10	82.53	
17160.00	10422.57	10395.15	252.25	23.68	23.63	4004.23	3956.06	83.12	
17190.00	10422.91	10395.49	252.12	23.68	23.63	4034.21	3986.02	83.71	
17220.00	10423.25	10395.83	252.00	23.68	23.63	4064.19	4015.98	84.29	
17250.00	10423.58	10396.17	251.88	23.68	23.63	4094.17	4045.93	84.88	
17280.00	10423.92	10396.51	251.76	23.68	23.63	4124.15	4075.90	85.47	
17310.00	10424.26	10396.84	251.63	23.68	23.63	4154.13	4105.86	86.05	
17340.00	10424.60	10397.18	251.51	23.68	23.63	4184.11	4135.82	86.64	
17370.00	10424.94	10397.52	251.39	23.68	23.64	4214.09	4165.78	87.22	
17400.00	10425.28	10397.86	251.27	23.68	23.64	4244.07	4195.74	87.81	
17430.00	10425.61	10398.20	251.15	23.68	23.64	4274.05	4225.70	88.39	
17460.00	10425.95	10398.54	251.02	23.68	23.64	4304.03	4255.66	88.97	
17490.00	10426.29	10398.87	250.90	23.68	23.64	4334.01	4285.62	89.56	
17520.00	10426.63	10399.21	250.78	23.68	23.64	4364.00	4315.58	90.14	
17550.00	10426.97	10399.55	250.66	23.68	23.64	4393.98	4345.54	90.72	
17580.00	10427.31	10399.89	250.54	23.68	23.64	4423.96	4375.50	91.30	
17610.00	10427.65	10400.23	250.42	23.68	23.64	4453.94	4405.47	91.88	

5D Anti-Collision Report

Secondary Well 8: Poker Lake Unit #067H (S) (TVD Relative to Kelly Bushing (Primary)) All Azimuth Relative to GRID NORTH									
PrIMD (USft)	TVD (USft)	SecMD (USft)	T-Face to Sec (°)	S-Major (USft)	S-Minor (USft)	CC (USft)	ES (USft)	SF	Risk
17640.00	10427.99	10400.57	250.30	23.68	23.64	4483.93	4435.43	92.46	
17670.00	10428.33	10400.91	250.18	23.68	23.64	4513.91	4465.39	93.04	
17700.00	10428.67	10401.25	250.06	23.68	23.64	4543.89	4495.35	93.61	
17730.00	10429.01	10401.59	249.94	23.68	23.64	4573.87	4525.31	94.19	
17760.00	10429.35	10401.93	249.81	23.68	23.64	4603.86	4555.28	94.77	
17790.00	10429.69	10402.27	249.69	23.69	23.64	4633.84	4585.24	95.34	
17820.00	10430.03	10402.61	249.57	23.69	23.64	4663.83	4615.20	95.92	
17850.00	10430.37	10402.95	249.45	23.69	23.64	4693.81	4645.16	96.49	
17880.00	10430.71	10403.29	249.33	23.69	23.64	4723.79	4675.13	97.07	
17910.00	10431.05	10403.64	249.22	23.69	23.64	4753.78	4705.09	97.64	
17940.00	10431.39	10403.98	249.10	23.69	23.64	4783.76	4735.05	98.21	
17970.00	10431.73	10404.32	248.98	23.69	23.64	4813.75	4765.02	98.78	
18000.00	10432.07	10404.66	248.86	23.69	23.64	4843.73	4794.98	99.35	
18030.00	10432.42	10405.00	248.74	23.69	23.64	4873.72	4824.94	99.92	
18060.00	10432.76	10405.34	248.62	23.69	23.64	4903.70	4854.91	100.49	
18090.00	10433.10	10405.68	248.50	23.69	23.64	4933.69	4884.87	101.06	
18120.00	10433.44	10406.02	248.38	23.69	23.64	4963.67	4914.83	101.63	
18150.00	10433.78	10406.37	248.26	23.69	23.64	4993.66	4944.80	102.20	
18180.00	10434.12	10406.71	248.14	23.69	23.64	5023.64	4974.76	102.77	
18210.00	10434.46	10407.05	248.03	23.69	23.64	5053.63	5004.72	103.33	
18240.00	10434.81	10407.39	247.91	23.69	23.64	5083.62	5034.69	103.90	
18270.00	10435.15	10407.73	247.79	23.69	23.64	5113.60	5064.65	104.46	
18300.00	10435.49	10408.08	247.67	23.69	23.64	5143.59	5094.61	105.03	
18330.00	10435.83	10408.42	247.56	23.69	23.64	5173.57	5124.58	105.59	
18360.00	10436.17	10408.76	247.44	23.69	23.64	5203.56	5154.54	106.15	
18390.00	10436.52	10409.10	247.32	23.69	23.64	5233.55	5184.51	106.72	
18420.00	10436.86	10409.44	247.20	23.69	23.64	5263.53	5214.47	107.28	
18450.00	10437.20	10409.79	247.09	23.69	23.64	5293.52	5244.43	107.84	
18480.00	10437.54	10410.13	246.97	23.69	23.64	5323.51	5274.40	108.40	
18510.00	10437.89	10410.47	246.85	23.69	23.64	5353.50	5304.36	108.96	
18540.00	10438.23	10410.82	246.74	23.69	23.64	5383.48	5334.33	109.52	
18570.00	10438.57	10411.16	246.62	23.69	23.64	5413.47	5364.29	110.07	
18600.00	10438.92	10411.50	246.50	23.69	23.64	5443.46	5394.26	110.63	
18630.00	10439.26	10411.84	246.39	23.69	23.64	5473.45	5424.22	111.19	
18660.00	10439.60	10412.19	246.27	23.69	23.64	5503.43	5454.18	111.74	
18690.00	10439.95	10412.53	246.16	23.69	23.65	5533.42	5484.15	112.30	
18720.00	10440.29	10412.87	246.04	23.69	23.65	5563.41	5514.11	112.85	
18750.00	10440.63	10413.22	245.93	23.69	23.65	5593.40	5544.08	113.41	
18780.00	10440.98	10413.56	245.81	23.69	23.65	5623.39	5574.04	113.96	
18810.00	10441.32	10413.91	245.70	23.69	23.65	5653.37	5604.01	114.51	
18840.00	10441.66	10414.25	245.58	23.69	23.65	5683.36	5633.97	115.07	
18870.00	10442.01	10414.59	245.47	23.69	23.65	5713.35	5663.94	115.62	
18900.00	10442.35	10414.94	245.35	23.69	23.65	5743.34	5693.90	116.17	
18930.00	10442.70	10415.28	245.24	23.69	23.65	5773.33	5723.87	116.72	
18960.00	10443.04	10415.63	245.13	23.69	23.65	5803.32	5753.83	117.27	
18990.00	10443.38	10415.97	245.01	23.69	23.65	5833.31	5783.79	117.82	
19020.00	10443.73	10416.31	244.90	23.69	23.65	5863.30	5813.76	118.36	
19050.00	10444.07	10416.66	244.78	23.69	23.65	5893.29	5843.72	118.91	
19080.00	10444.42	10417.00	244.67	23.69	23.65	5923.27	5873.69	119.46	
19110.00	10444.76	10417.35	244.56	23.70	23.65	5953.26	5903.65	120.00	
19140.00	10445.11	10417.69	244.44	23.70	23.65	5983.25	5933.62	120.55	
19170.00	10445.45	10418.04	244.33	23.70	23.65	6013.24	5963.58	121.09	
19200.00	10445.80	10418.38	244.22	23.70	23.65	6043.23	5993.55	121.64	
19230.00	10446.14	10418.73	244.11	23.70	23.65	6073.22	6023.51	122.18	
19260.00	10446.49	10419.07	243.99	23.70	23.65	6103.21	6053.48	122.72	
19290.00	10446.83	10419.42	243.88	23.70	23.65	6133.20	6083.44	123.26	
19320.00	10447.18	10419.76	243.77	23.70	23.65	6163.19	6113.41	123.80	
19350.00	10447.52	10420.11	243.66	23.70	23.65	6193.18	6143.37	124.34	

5D Anti-Collision Report

Secondary Well: Poker Lake Unit #067H (S) (TVD Relative to Kelly Bushing (Primary)); All Azimuth Relative to GRID NORTH									
PRIMD (US ft)	TVD (US ft)	SecMD (US ft)	TR Faceto Sec (°)	SMajor (US ft)	SMinor (US ft)	GC (US ft)	ES (US ft)	SF	Risk
19380.00	10447.87	10420.46	243.55	23.70	23.65	6223.17	6173.34	124.88	
19410.00	10448.22	10420.80	243.44	23.70	23.65	6253.16	6203.30	125.42	
19440.00	10448.56	10421.15	243.32	23.70	23.65	6283.15	6233.27	125.96	
19470.00	10448.91	10421.49	243.21	23.70	23.65	6313.14	6263.23	126.50	
19500.00	10449.25	10421.84	243.10	23.70	23.65	6343.13	6293.20	127.03	
19530.00	10449.60	10422.19	242.99	23.70	23.65	6373.12	6323.16	127.57	
19560.00	10449.95	10422.53	242.88	23.70	23.65	6403.11	6353.13	128.10	
19590.00	10450.29	10422.88	242.77	23.70	23.65	6433.10	6383.09	128.64	
19620.00	10450.64	10423.22	242.66	23.70	23.65	6463.09	6413.06	129.17	
19650.00	10450.98	10423.57	242.55	23.70	23.65	6493.09	6443.02	129.70	
19680.00	10451.33	10423.92	242.44	23.70	23.65	6523.08	6472.99	130.24	
19710.00	10451.68	10424.26	242.33	23.70	23.65	6553.07	6502.95	130.77	
19740.00	10452.02	10424.61	242.22	23.70	23.65	6583.06	6532.92	131.30	
19770.00	10452.37	10424.96	242.11	23.70	23.65	6613.05	6562.88	131.83	
19800.00	10452.72	10425.30	242.00	23.70	23.65	6643.04	6592.85	132.36	
19830.00	10453.07	10425.65	241.89	23.70	23.65	6673.03	6622.82	132.89	
19860.00	10453.41	10426.00	241.79	23.70	23.65	6703.02	6652.78	133.42	
19890.00	10453.76	10426.35	241.68	23.70	23.65	6733.01	6682.75	133.94	
19920.00	10454.11	10426.69	241.57	23.70	23.65	6763.00	6712.71	134.47	
19950.00	10454.45	10427.04	241.46	23.70	23.65	6793.00	6742.68	135.00	
19980.00	10454.80	10427.39	241.35	23.70	23.65	6822.99	6772.64	135.52	
20010.00	10455.15	10427.74	241.24	23.70	23.66	6852.98	6802.61	136.04	
20036.52	10455.46	10428.04	241.15	23.70	23.66	6879.49	6829.10	136.51	