

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised August 1, 2011 1. WELL API NO. 30-025-41950 2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN 3. State Oil & Gas Lease No.
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name: HOBBSOCD Nighthawk State Com 6. Well Number: 3H APR 02 2015				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator BC Operating, Inc.						9. OGRID 160825				
10. Address of Operator P.O. Box 50820 Midland, Texas 79710						11. Pool name or Wildcat 960; Airstrip Bone Spring				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	20	18S	35E		240	South	2310	East	Lea
BH:	O	29	18S	35E		240	South	2110	East	Lea
13. Date Spudded 10/18/2014	14. Date T.D. Reached 11/30/2014	15. Date Rig Released 12/03/2014			16. Date Completed (Ready to Produce) 03/02/2015			17. Elevations (DF and RKB, RT, GR, etc.) 3919' GL		
18. Total Measured Depth of Well 14,896'			19. Plug Back Measured Depth 14,852'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run All: See Attached		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10,107' - 14,727' Bone Spring										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.5#		1842'		16"		1285		0
9 5/8"		43.5#		3380'		12 1/4"		955		0
5 1/2"		20#		14,854'		8 1/2"		2540		0
5 1/2"		17#		14,896'		8 1/2"		Same		0
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN					
25. TUBING RECORD										
SIZE	DEPTH SET		PACKER SET							
2 7/8"	10,450'		10,450'							
26. Perforation record (interval, size, and number) 10,107' - 14,727' Bone Spring (4329' Interval, 270 shots, 45 stages) See attached form with NCS Frac Sleeve #1, etc. Used NCS frac sleeves. TOC @ 9,727'						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
DEPTH INTERVAL						AMOUNT AND KIND MATERIAL USED				
10,107' - 14,727'						Frac'd w/45,000 gals 15% HCL acid +				
270 shots						2,538,900 gals slickwater gel + 787,500 lbs				
						30/50 Proppant, 3,150,000 lbs 20/40 Proppant				
28. PRODUCTION										
Date First Production 03/02/2015		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2 1/2" x 1 3/4" x 30 Panacea Pump w/4' x 7/8" guided sub & 26K shear tool					Well Status (Prod. or Shut-in) Producing			
Date of Test 03/19/2015	Hours Tested 24	Choke Size 64/64"	Prod'n For Test Period	Oil - Bbl 128	Gas - MCF 95	Water - Bbl. 120	Gas - Oil Ratio 742			
Flow Tubing Press. 0	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 128	Gas - MCF 95	Water - Bbl. 120	Oil Gravity - API - (Corr.) 36.8				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold							30. Test Witnessed By			
31. List Attachments C-102 C-105 C-104 Not Logged (A copy of the mud log is attached).										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. No temp pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial: N/A										
				Latitude		Longitude		NAD 1927 1983		

MAY 26 2015

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Pam Stevens

Printed

Name Pam Stevens

Title Regulatory Analyst

Date 03/27/2015

E-mail Address pstevens@bcoperating.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 1960'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3100'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 3240'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 3715'	T. Devonian	T. Cliff House	T. Leadville
T. Queen 4465'	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	Additional Tops:
T. Tubb	T. Delaware Sand 5800'	T. Morrison	Bone Springs Lime 7245'
T. Drinkard	T. Bone Springs	T. Todilto	1 st Bone Spring Sand 8775'
T. Abo	T.	T. Entrada	2 nd Carbonate 8865'
T. Wolfcamp	T.	T. Wingate	2 nd Bone Spring Sand 9240'
T. Penn	T.	T. Chinle	3 rd Carbonate 9795'
T. Cisco (Bough C)	T.	T. Permian	3 rd Bone Spring Sand 9950'
			Wolfcamp 12,120'

OIL OR GAS SANDS OR ZONES

No. 1, from.....8865'to.....9240' No. 3, from.....to.....

No. 2, from.....9950'to.....12,120' No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
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NCS TALLY SHEET

HOBBS OGD
APR 02 2015

E&P Company: BC Operating

Well Name: Nighthawk State Com 3H

Production Casing: 5.5", P-110, 17 lb/ft, TTRS-1 Btm 2 Jts 20#

Drill Bit Size: 8.5"

FSO#: 1453582

Date: #####

NCS Energy Services 6826 Bourgeois Rd., Houston, Texas 77066. Phone (281) 453-2222

Typical NCS Sleeve Dimensions (See Image at left)		I.D. (inches)	O.D. (inches)	Make-Up Length (feet)	Box-To- Port (ft)	Box-To- Profile (ft)
1.	Top Pup	4.89	5.50	6.11		
2.	Frac Ports					
3.	Frac Sleeve	4.89	7.66	6.75	0.93	5.75
4.	Locating Profile					
5.	Bottom Pup					

DATA ORDER

☒ BOTTOM - TOP

☐ TOP - BOTTOM

DATA IS DISPLAYED IN THE ORDER RIH

Item #	ENTER ALL DATA IN RUNNING ORDER (BOTTOM-UP)	Length (ft)	Top @ (ft KB)	Bottom @ (ft KB)	Max O.D. (inches)	Min I.D. (inches)	Sleeve profile depth (ft)	Frac Ports Depth (ft)	String Length (ft)
1.	Float Shoe	1.31	14895.45	14896.76					1.31
1.	Casing Joint	41.87	14853.58	14895.45					43.18
2.	Float Collar	1.54	14852.04	14853.58					44.72
2.	Casing Joint	41.89	14810.15	14852.04					86.61
3.	NCS Frac Sleeve #1	6.75	14803.40	14810.15	7.66	4.89	14809.15	14804.33	93.36
4.	Top Pup	6.10	14797.30	14803.40	5.50	4.89			99.46
3.	Casing Joint	43.19	14754.11	14797.30					142.65
4.	Casing Joint	42.90	14711.21	14754.11					185.55
5.	NCS Frac Sleeve #2	6.75	14704.46	14711.21	7.66	4.89	14710.21	14705.39	192.30
6.	Top Pup	6.09	14698.37	14704.46	5.50	4.89			198.39
5.	Casing Joint	43.81	14654.56	14698.37					242.20
6.	Casing Joint	43.08	14611.48	14654.56					285.28
7.	NCS Frac Sleeve #3	6.75	14604.73	14611.48	7.66	4.89	14610.48	14605.66	292.03
8.	Top Pup	6.11	14598.62	14604.73	5.50	4.89			298.14
7.	Casing Joint	43.81	14554.81	14598.62					341.95
8.	Casing Joint	43.83	14510.98	14554.81					385.78
9.	NCS Frac Sleeve #4	6.75	14504.23	14510.98	7.66	4.89	14509.98	14505.16	392.53
10.	Top Pup	6.11	14498.12	14504.23	5.50	4.89			398.64
9.	Casing Joint	43.79	14454.33	14498.12					442.43
10.	Casing Joint	43.33	14411.00	14454.33					485.76
11.	NCS Frac Sleeve #5	6.75	14404.25	14411.00	7.66	4.89	14410.00	14405.18	492.51
12.	Top Pup	6.12	14398.13	14404.25	5.50	4.89			498.63
11.	Casing Joint	42.89	14355.24	14398.13					541.52
12.	Casing Joint	43.83	14311.41	14355.24					585.35
13.	NCS Frac Sleeve #6	6.75	14304.66	14311.41	7.66	4.89	14310.41	14305.59	592.10
14.	Top Pup	6.10	14298.56	14304.66	5.50	4.89			598.20
13.	Casing Joint	43.88	14254.68	14298.56					642.08
14.	Casing Joint	43.85	14210.83	14254.68					685.93
15.	NCS Frac Sleeve #7	6.75	14204.08	14210.83	7.66	4.89	14209.83	14205.01	692.68
16.	Top Pup	6.11	14197.97	14204.08	5.50	4.89			698.79
15.	Casing Joint	43.81	14154.16	14197.97					742.60
16.	Casing Joint	43.81	14110.35	14154.16					786.41
17.	NCS Frac Sleeve #8	6.75	14103.60	14110.35	7.66	4.89	14109.35	14104.53	793.16
18.	Top Pup	6.09	14097.51	14103.60	5.50	4.89			799.25
17.	Casing Joint	43.43	14054.08	14097.51					842.68
18.	Casing Joint	43.89	14010.19	14054.08					886.57



NCS TALLY SHEET

E&P Company: BC Operating
Well Name: Nighthawk State Com 3H
Production Casing: 5.5", P-110, 17 lb/ft, TTRS-1 Bttm 2 Jts 20#
Drill Bit Size: 8.5"
FSO#: 1453582

Date: #####

NCS Energy Services, 6826 Bourgeois Rd., Houston, Texas 77066. Phone (281) 453-2222

Typical NCS Sleeve Dimensions (See image at left)		I.D. (inches)	O.D. (inches)	Make-Up Length (feet)	Box-To- Port (ft)	Box-To- Profile (ft)		
1.	Top Pup	4.89	5.50	6.11				
2.	Frac Ports							
3.	Frac Sleeve	4.89	7.66	6.75	0.93	5.75		
4.	Locating Profile							
5.	Bottom Pup							
19.	NCS Frac Sleeve #9	6.75	14003.44	14010.19	7.66	4.89	14009.19	14004.37
20.	Top Pup	6.10	13997.34	14003.44	5.50	4.89		
19.	Casing Joint	43.80	13953.54	13997.34				
20.	Casing Joint	43.85	13909.69	13953.54				
21.	NCS Frac Sleeve #10	6.75	13902.94	13909.69	7.66	4.89	13908.69	13903.87
22.	Top Pup	6.09	13896.85	13902.94	5.50	4.89		
21.	Casing Joint	43.79	13853.06	13896.85				
22.	Casing Joint	43.80	13809.26	13853.06				
23.	NCS Frac Sleeve #11	6.75	13802.51	13809.26	7.66	4.89	13808.26	13803.44
24.	Top Pup	6.11	13796.40	13802.51	5.50	4.89		
23.	Casing Joint	43.80	13752.60	13796.40				
24.	Casing Joint	43.80	13708.80	13752.60				
25.	NCS Frac Sleeve #12	6.75	13702.05	13708.80	7.66	4.89	13707.80	13702.98
26.	Top Pup	6.11	13695.94	13702.05	5.50	4.89		
25.	Casing Joint	43.42	13652.52	13695.94				
26.	Casing Joint	43.78	13608.74	13652.52				
27.	NCS Frac Sleeve #13	6.75	13601.99	13608.74	7.66	4.89	13607.74	13602.92
28.	Top Pup	6.12	13595.87	13601.99	5.50	4.89		
27.	Casing Joint	43.78	13552.09	13595.87				
28.	Casing Joint	43.82	13508.27	13552.09				
29.	NCS Frac Sleeve #14	6.75	13501.52	13508.27	7.66	4.89	13507.27	13502.45
30.	Top Pup	6.10	13495.42	13501.52	5.50	4.89		
29.	Casing Joint	43.85	13451.57	13495.42				
30.	Casing Joint	43.10	13408.47	13451.57				
31.	NCS Frac Sleeve #15	6.75	13401.72	13408.47	7.66	4.89	13407.47	13402.65
32.	Top Pup	6.12	13395.60	13401.72	5.50	4.89		
31.	Casing Joint	43.73	13351.87	13395.60				
32.	Casing Joint	43.77	13308.10	13351.87				
33.	NCS Frac Sleeve #16	6.75	13301.35	13308.10	7.66	4.89	13307.10	13302.28
34.	Top Pup	6.11	13295.24	13301.35	5.50	4.89		
33.	Casing Joint	43.80	13251.44	13295.24				
34.	Casing Joint	43.97	13207.47	13251.44				
35.	NCS Frac Sleeve #17	6.75	13200.72	13207.47	7.66	4.89	13206.47	13201.65
36.	Top Pup	6.11	13194.61	13200.72	5.50	4.89		
35.	Casing Joint	43.65	13150.96	13194.61				
36.	Casing Joint	43.18	13107.78	13150.96				
37.	NCS Frac Sleeve #18	6.75	13101.03	13107.78	7.66	4.89	13106.78	13101.96
38.	Top Pup	6.11	13094.92	13101.03	5.50	4.89		
37.	Casing Joint	42.35	13052.57	13094.92				
38.	Casing Joint	43.61	13008.96	13052.57				
39.	NCS Frac Sleeve #19	6.75	13002.21	13008.96	7.66	4.89	13007.96	13003.14
40.	Top Pup	6.13	12996.08	13002.21	5.50	4.89		
39.	Casing Joint	43.63	12952.45	12996.08				
40.	Casing Joint	43.17	12909.28	12952.45				



NCS TALLY SHEET

E&P Company: BC Operating
Well Name: Nighthawk State Com 3H
Production Casing: 5.5", P-110, 17 lb/ft, TTRS-1 Bttm 2 Jts 20#
Drill Bit Size: 8.5"
FSO#: 1453582

Date: #####

NCS Energy Services, 6826 Bourgeois Rd., Houston, Texas 77066. Phone (281) 453-2222

	Typical NCS Sleeve Dimensions (See Image at left)			I.D. (inches)	O.D. (inches)	Make-Up Length (feet)	Box-To- Port (ft)	Box-To- Profile (ft)	
	1.	Top Pup		4.89	5.50	6.11			
	2.	Frac Ports							
	3.	Frac Sleeve		4.89	7.66	6.75	0.93	5.75	
	4.	Locating Profile							
	5.	Bottom Pup							
41.	NCS Frac Sleeve #20	6.75	12902.53	12909.28	7.66	4.89	12908.28	12903.46	1994.23
42.	Top Pup	6.12	12896.41	12902.53	5.50	4.89			2000.35
41.	Casing Joint	43.62	12852.79	12896.41					2043.97
42.	Casing Joint	43.63	12809.16	12852.79					2087.60
43.	NCS Frac Sleeve #21	6.75	12802.41	12809.16	7.66	4.89	12808.16	12803.34	2094.35
44.	Top Pup	6.09	12796.32	12802.41	5.50	4.89			2100.44
43.	Casing Joint	43.63	12752.69	12796.32					2144.07
44.	Casing Joint	42.90	12709.79	12752.69					2186.97
45.	NCS Frac Sleeve #22	6.75	12703.04	12709.79	7.66	4.89	12708.79	12703.97	2193.72
46.	Top Pup	6.10	12696.94	12703.04	5.50	4.89			2199.82
45.	Casing Joint	43.25	12653.69	12696.94					2243.07
46.	Casing Joint	43.63	12610.06	12653.69					2286.70
47.	NCS Frac Sleeve #23	6.75	12603.31	12610.06	7.66	4.89	12609.06	12604.24	2293.45
48.	Top Pup	6.11	12597.20	12603.31	5.50	4.89			2299.56
47.	Casing Joint	43.09	12554.11	12597.20					2342.65
48.	Casing Joint	43.65	12510.46	12554.11					2386.30
49.	NCS Frac Sleeve #24	6.75	12503.71	12510.46	7.66	4.89	12509.46	12504.64	2393.05
50.	Top Pup	6.10	12497.61	12503.71	5.50	4.89			2399.15
49.	Casing Joint	43.65	12453.96	12497.61					2442.80
50.	Casing Joint	43.60	12410.36	12453.96					2486.40
51.	NCS Frac Sleeve #25	6.75	12403.61	12410.36	7.66	4.89	12409.36	12404.54	2493.15
52.	Top Pup	6.10	12397.51	12403.61	5.50	4.89			2499.25
51.	Casing Joint	43.65	12353.86	12397.51					2542.90
52.	Casing Joint	43.61	12310.25	12353.86					2586.51
53.	NCS Frac Sleeve #26	6.75	12303.50	12310.25	7.66	4.89	12309.25	12304.43	2593.26
54.	Top Pup	6.11	12297.39	12303.50	5.50	4.89			2599.37
53.	Casing Joint	43.06	12254.33	12297.39					2642.43
54.	Casing Joint	43.65	12210.68	12254.33					2686.08
55.	NCS Frac Sleeve #27	6.75	12203.93	12210.68	7.66	4.89	12209.68	12204.86	2692.83
56.	Top Pup	6.10	12197.83	12203.93	5.50	4.89			2698.93
55.	Casing Joint	43.64	12154.19	12197.83					2742.57
56.	Casing Joint	43.20	12110.99	12154.19					2785.77
57.	NCS Frac Sleeve #28	6.75	12104.24	12110.99	7.66	4.89	12109.99	12105.17	2792.52
58.	Top Pup	6.10	12098.14	12104.24	5.50	4.89			2798.62
57.	Casing Joint	42.98	12055.16	12098.14					2841.60
58.	Casing Joint	43.17	12011.99	12055.16					2884.77
59.	NCS Frac Sleeve #29	6.75	12005.24	12011.99	7.66	4.89	12010.99	12006.17	2891.52
60.	Top Pup	6.10	11999.14	12005.24	5.50	4.89			2897.62
59.	Casing Joint	43.24	11955.90	11999.14					2940.86
60.	Casing Joint	43.62	11912.28	11955.90					2984.48
61.	NCS Frac Sleeve #30	6.75	11905.53	11912.28	7.66	4.89	11911.28	11906.46	2991.23
62.	Top Pup	6.09	11899.44	11905.53	5.50	4.89			2997.32
61.	Casing Joint	43.64	11855.80	11899.44					3040.96
62.	Casing Joint	43.65	11812.15	11855.80					3084.61



NCS TALLY SHEET

E&P Company: BC Operating
Well Name: Nighthawk State Com 3H
Production Casing: 5.5", P-110, 17 lb/ft, TTRS-1 Bttm 2 Jts 20#
Drill Bit Size: 8.5"
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NCS Energy Services, 6826 Bourgeois Rd., Houston, Texas 77066. Phone (281) 453-2222

Typical NCS Sleeve Dimensions (See image at left)		I.D. (inches)	O.D. (inches)	Make-Up Length (feet)	Box-To- Port (ft)	Box-To- Profile (ft)	
1.	Top Pup	4.89	5.50	6.11			
2.	Frac Ports						
3.	Frac Sleeve	4.89	7.66	6.75	0.93	5.75	
4.	Locating Profile						
5.	Bottom Pup						
63.	NCS Frac Sleeve #31	6.75	11805.40	11812.15	7.66	4.89	11811.15 11806.33 3091.36
64.	Top Pup	6.11	11799.29	11805.40	5.50	4.89	3097.47
63.	Casing Joint	43.63	11755.66	11799.29			3141.10
64.	Casing Joint	43.60	11712.06	11755.66			3184.70
65.	NCS Frac Sleeve #32	6.75	11705.31	11712.06	7.66	4.89	11711.06 11706.24 3191.45
66.	Top Pup	6.11	11699.20	11705.31	5.50	4.89	3197.56
65.	Casing Joint	43.62	11655.58	11699.20			3241.18
66.	Casing Joint	43.62	11611.96	11655.58			3284.80
67.	NCS Frac Sleeve #33	6.75	11605.21	11611.96	7.66	4.89	11610.96 11606.14 3291.55
68.	Top Pup	6.11	11599.10	11605.21	5.50	4.89	3297.66
67.	Casing Joint	43.63	11555.47	11599.10			3341.29
68.	Casing Joint	43.62	11511.85	11555.47			3384.91
69.	NCS Frac Sleeve #34	6.75	11505.10	11511.85	7.66	4.89	11510.85 11506.03 3391.66
70.	Top Pup	6.12	11498.98	11505.10	5.50	4.89	3397.78
69.	Casing Joint	42.63	11456.35	11498.98			3440.41
70.	Casing Joint	43.62	11412.73	11456.35			3484.03
71.	NCS Frac Sleeve #35	6.75	11405.98	11412.73	7.66	4.89	11411.73 11406.91 3490.78
72.	Top Pup	6.11	11399.87	11405.98	5.50	4.89	3496.89
71.	Casing Joint	43.65	11356.22	11399.87			3540.54
72.	Casing Joint	43.65	11312.57	11356.22			3584.19
73.	NCS Frac Sleeve #36	6.75	11305.82	11312.57	7.66	4.89	11311.57 11306.75 3590.94
74.	Top Pup	6.11	11299.71	11305.82	5.50	4.89	3597.05
73.	Casing Joint	44.24	11255.47	11299.71			3641.29
74.	Casing Joint	43.25	11212.22	11255.47			3684.54
75.	NCS Frac Sleeve #37	6.75	11205.47	11212.22	7.66	4.89	11211.22 11206.40 3691.29
76.	Top Pup	6.12	11199.35	11205.47	5.50	4.89	3697.41
75.	Casing Joint	43.66	11155.69	11199.35			3741.07
76.	Casing Joint	43.62	11112.07	11155.69			3784.69
77.	NCS Frac Sleeve #38	6.75	11105.32	11112.07	7.66	4.89	11111.07 11106.25 3791.44
78.	Top Pup	6.10	11099.22	11105.32	5.50	4.89	3797.54
77.	Casing Joint	43.25	11055.97	11099.22			3840.79
78.	Casing Joint	43.21	11012.76	11055.97			3884.00
79.	NCS Frac Sleeve #39	6.75	11006.01	11012.76	7.66	4.89	11011.76 11006.94 3890.75
80.	Top Pup	6.12	10999.89	11006.01	5.50	4.89	3896.87
79.	Casing Joint	43.62	10956.27	10999.89			3940.49
80.	Casing Joint	43.60	10912.67	10956.27			3984.09
81.	NCS Frac Sleeve #40	6.75	10905.92	10912.67	7.66	4.89	10911.67 10906.85 3990.84
82.	Top Pup	6.11	10899.81	10905.92	5.50	4.89	3996.95
81.	Casing Joint	43.62	10856.19	10899.81			4040.57
82.	Casing Joint	44.37	10811.82	10856.19			4084.94
83.	Casing Joint	43.58	10768.24	10811.82			4128.52
83.	NCS Frac Sleeve #41	6.75	10761.49	10768.24	7.66	4.89	10767.24 10762.42 4135.27
84.	Top Pup	6.12	10755.37	10761.49	5.50	4.89	4141.39
84.	Casing Joint	43.60	10711.77	10755.37			4184.99



NCS TALLY SHEET

E&P Company: BC Operating
Well Name: Nighthawk State Com 3H
Production Casing: 5.5", P-110, 17 lb/ft, TTRS-1 Bttm 2 Jts 20#
Drill Bit Size: 8.5"
FSO#: 1453582

Date: #####

NCS Energy Services, 6826 Bourgeois Rd., Houston, Texas 77066. Phone (281) 453-2222

Typical NCS Sleeve Dimensions (See Image at left)		I.D. (inches)	O.D. (inches)	Make-Up Length (feet)	Box-To- Port (ft)	Box-To- Profile (ft)	
1.	Top Pup	4.89	5.50	6.11			
2.	Frac Ports						
3.	Frac Sleeve	4.89	7.66	6.75	0.93	5.75	
4.	Locating Profile						
5.	Bottom Pup						
85.	Casing Joint	43.63	10668.14	10711.77			4228.62
86.	Casing Joint	43.71	10624.43	10668.14			4272.33
85.	NCS Frac Sleeve #42	6.75	10617.68	10624.43	7.66	4.89	10623.43
86.	Top Pup	6.11	10611.57	10617.68	5.50	4.89	10618.61
87.	Casing Joint	43.60	10567.97	10611.57			4285.19
88.	Casing Joint	43.61	10524.36	10567.97			4328.79
89.	Casing Joint	43.62	10480.74	10524.36			4372.40
87.	NCS Frac Sleeve #43	6.75	10473.99	10480.74	7.66	4.89	10479.74
88.	Top Pup	6.12	10467.87	10473.99	5.50	4.89	10474.92
90.	Casing Joint	43.61	10424.26	10467.87			4422.77
91.	Casing Joint	43.61	10380.65	10424.26			4428.89
92.	Casing Joint	43.74	10336.91	10380.65			4472.50
89.	NCS Frac Sleeve #44	6.75	10330.16	10336.91	7.66	4.89	10335.91
90.	Top Pup	6.12	10324.04	10330.16	5.50	4.89	10331.09
93.	Casing Joint	43.74	10280.30	10324.04			4566.60
94.	Casing Joint	43.63	10236.67	10280.30			4572.72
95.	Casing Joint	43.63	10193.04	10236.67			4616.46
91.	NCS Frac Sleeve #45	6.75	10186.29	10193.04	7.66	4.89	10192.04
92.	Top Pup	6.11	10180.18	10186.29	5.50	4.89	10187.22
96.	Casing Joint	43.62	10136.56	10180.18			4710.47
97.	Casing Joint	44.25	10092.31	10136.56			4716.58
98.	Casing Joint	43.17	10049.14	10092.31			4760.20
93.	Marker Joint	21.19	10027.95	10049.14			4804.45
99.	Casing Joint	43.62	9984.33	10027.95			4847.62
100.	Casing Joint	43.61	9940.72	9984.33			4868.81
101.	Casing Joint	43.61	9897.11	9940.72			4912.43
102.	Casing Joint	43.61	9853.50	9897.11			4956.04
103.	Casing Joint	43.24	9810.26	9853.50			4999.65
104.	Casing Joint	43.20	9767.06	9810.26			5043.26
105.	Casing Joint	43.62	9723.44	9767.06			5086.50
94.	NCS Airlock	3.60	9719.84	9723.44			5129.70
106.	Casing Joint	43.65	9676.19	9719.84			5173.32
107.	Casing Joint	43.63	9632.56	9676.19			5176.92
108.	Casing Joint	43.61	9588.95	9632.56			5220.57
109.	Casing Joint	43.74	9545.21	9588.95			5264.20
110.	Casing Joint	43.63	9501.58	9545.21			5307.81
111.	Casing Joint	43.25	9458.33	9501.58			5351.55
112.	Casing Joint	43.60	9414.73	9458.33			5395.18
113.	Casing Joint	43.61	9371.12	9414.73			5438.43
114.	Casing Joint	43.63	9327.49	9371.12			5482.03
115.	Casing Joint	43.60	9283.89	9327.49			5525.64
116.	Casing Joint	43.66	9240.23	9283.89			5569.27
117.	Casing Joint	43.62	9196.61	9240.23			5612.87
118.	Casing Joint	43.65	9152.96	9196.61			5656.53
							5700.15
							5743.80



NCS TALLY SHEET

E&P Company: BC Operating
Well Name: Nighthawk State Com 3H
Production Casing: 5.5", P-110, 17 lb/ft, TTRS-1 Bttm 2 Jts 20#
Drill Bit Size: 8.5"
FSO#: 1453582

Date: #####

NCS Energy Services, 6826 Bourgeois Rd., Houston, Texas 77066. Phone (281) 453-2222

		Typical NCS Sleeve Dimensions (See Image at left)		I.D. (inches)	O.D. (inches)	Make-Up Length (feet)	Box-To- Port (ft)	Box-To- Profile (ft)	
	1.	Top Pup		4.89	5.50	6.11			
	2.	Frac Ports							
	3.	Frac Sleeve		4.89	7.66	6.75	0.93	5.75	
	4.	Locating Profile							
	5.	Bottom Pup							
119.	Casing Joint	43.61	9109.35	9152.96					5787.41
120.	Casing Joint	43.60	9065.75	9109.35					5831.01
121.	Casing Joint	43.62	9022.13	9065.75					5874.63
122.	Casing Joint	43.62	8978.51	9022.13					5918.25
123.	Casing Joint	43.64	8934.87	8978.51					5961.89
124.	Casing Joint	43.62	8891.25	8934.87					6005.51
125.	Casing Joint	43.62	8847.63	8891.25					6049.13
126.	Casing Joint	43.62	8804.01	8847.63					6092.75
127.	Casing Joint	43.20	8760.81	8804.01					6135.95
128.	Casing Joint	43.17	8717.64	8760.81					6179.12
129.	Casing Joint	43.57	8674.07	8717.64					6222.69
130.	Casing Joint	43.66	8630.41	8674.07					6266.35
131.	Casing Joint	43.60	8586.81	8630.41					6309.95
132.	Casing Joint	43.42	8543.39	8586.81					6353.37
133.	Casing Joint	43.42	8499.97	8543.39					6396.79
134.	Casing Joint	43.42	8456.55	8499.97					6440.21
135.	Casing Joint	43.42	8413.13	8456.55					6483.63
136.	Casing Joint	43.42	8369.71	8413.13					6527.05
137.	Casing Joint	43.42	8326.29	8369.71					6570.47
138.	Casing Joint	43.42	8282.87	8326.29					6613.89
139.	Casing Joint	43.42	8239.45	8282.87					6657.31
140.	Casing Joint	43.42	8196.03	8239.45					6700.73
141.	Casing Joint	43.42	8152.61	8196.03					6744.15
142.	Casing Joint	43.70	8108.91	8152.61					6787.85
143.	Casing Joint	43.70	8065.21	8108.91					6831.55
144.	Casing Joint	43.70	8021.51	8065.21					6875.25
145.	Casing Joint	43.20	7978.31	8021.51					6918.45
146.	Casing Joint	43.70	7934.61	7978.31					6962.15
147.	Casing Joint	43.70	7890.91	7934.61					7005.85
148.	Casing Joint	43.80	7847.11	7890.91					7049.65
149.	Casing Joint	43.70	7803.41	7847.11					7093.35
150.	Casing Joint	43.90	7759.51	7803.41					7137.25
151.	Casing Joint	43.70	7715.81	7759.51					7180.95
152.	Casing Joint	43.70	7672.11	7715.81					7224.65
153.	Casing Joint	43.10	7629.01	7672.11					7267.75
154.	Casing Joint	42.90	7586.11	7629.01					7310.65
155.	Casing Joint	43.71	7542.40	7586.11					7354.36
156.	Casing Joint	43.70	7498.70	7542.40					7398.06
95.	Marker Joint	21.58	7477.12	7498.70					7419.64
157.	Casing Joint	43.68	7433.44	7477.12					7463.32
158.	Casing Joint	43.68	7389.76	7433.44					7507.00
159.	Casing Joint	43.72	7346.04	7389.76					7550.72
160.	Casing Joint	43.38	7302.66	7346.04					7594.10
161.	Casing Joint	43.28	7259.38	7302.66					7637.38



NCS TALLY SHEET

E&P Company: BC Operating

Well Name: Nighthawk State Com 3H

Production Casing: 5.5", P-110, 17 lb/ft, TTRS-1 Bttm 2 Jts 20#

Drill Bit Size: 8.5"

FSO#: 1453582

Date: #####

NCS Energy Services, 6826 Bourgeois Rd., Houston, Texas 77066. Phone (281) 453-2222

Typical NCS Sleeve Dimensions (See Image at left)		I.D. (inches)	O.D. (inches)	Make-Up Length (feet)	Box-To- Port (ft)	Box-To- Profile (ft)	
1.	Top Pup	4.89	5.50	6.11			
2.	Frac Ports						
3.	Frac Sleeve	4.89	7.66	6.75	0.93	5.75	
4.	Locating Profile						
5.	Bottom Pup						
162.	Casing Joint	43.68	7215.70	7259.38			7681.06
163.	Casing Joint	43.71	7171.99	7215.70			7724.77
164.	Casing Joint	43.76	7128.23	7171.99			7768.53
165.	Casing Joint	43.70	7084.53	7128.23			7812.23
166.	Casing Joint	43.67	7040.86	7084.53			7855.90
167.	Casing Joint	43.10	6997.76	7040.86			7899.00
168.	Casing Joint	43.20	6954.56	6997.76			7942.20
169.	Casing Joint	43.10	6911.46	6954.56			7985.30
170.	Casing Joint	43.20	6868.26	6911.46			8028.50
171.	Casing Joint	43.30	6824.96	6868.26			8071.80
172.	Casing Joint	43.10	6781.86	6824.96			8114.90
173.	Casing Joint	43.08	6738.78	6781.86			8157.98
174.	Casing Joint	43.70	6695.08	6738.78			8201.68
175.	Casing Joint	43.70	6651.38	6695.08			8245.38
176.	Casing Joint	43.08	6608.30	6651.38			8288.46
177.	Casing Joint	43.68	6564.62	6608.30			8332.14
178.	Casing Joint	43.08	6521.54	6564.62			8375.22
179.	Casing Joint	43.00	6478.54	6521.54			8418.22
180.	Casing Joint	43.98	6434.56	6478.54			8462.20
181.	Casing Joint	43.69	6390.87	6434.56			8505.89
182.	Casing Joint	43.69	6347.18	6390.87			8549.58
183.	Casing Joint	43.35	6303.83	6347.18			8592.93
184.	Casing Joint	43.22	6260.61	6303.83			8636.15
185.	Casing Joint	43.68	6216.93	6260.61			8679.83
186.	Casing Joint	43.68	6173.25	6216.93			8723.51
187.	Casing Joint	43.75	6129.50	6173.25			8767.26
188.	Casing Joint	43.13	6086.37	6129.50			8810.39
189.	Casing Joint	42.70	6043.67	6086.37			8853.09
190.	Casing Joint	42.62	6001.05	6043.67			8895.71
191.	Casing Joint	43.23	5957.82	6001.05			8938.94
192.	Casing Joint	42.80	5915.02	5957.82			8981.74
193.	Casing Joint	43.70	5871.32	5915.02			9025.44
194.	Casing Joint	43.70	5827.62	5871.32			9069.14
195.	Casing Joint	43.15	5784.47	5827.62			9112.29
196.	Casing Joint	43.69	5740.78	5784.47			9155.98
197.	Casing Joint	43.21	5697.57	5740.78			9199.19
198.	Casing Joint	43.06	5654.51	5697.57			9242.25
199.	Casing Joint	43.26	5611.25	5654.51			9285.51
200.	Casing Joint	42.50	5568.75	5611.25			9328.01
201.	Casing Joint	43.70	5525.05	5568.75			9371.71
202.	Casing Joint	42.78	5482.27	5525.05			9414.49
203.	Casing Joint	42.80	5439.47	5482.27			9457.29
204.	Casing Joint	43.70	5395.77	5439.47			9500.99
205.	Casing Joint	43.20	5352.57	5395.77			9544.19



NCS TALLY SHEET

E&P Company: BC Operating

Well Name: Nighthawk State Com 3H

Production Casing: 5.5", P-110, 17 lb/ft, TTRS-1 Bttm 2 Jts 20#

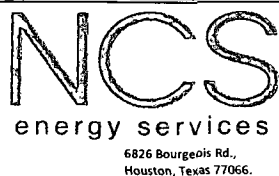
Drill Bit Size: 8.5"

FSO#: 1453582

Date: #####

NCS Energy Services, 6826 Bourgeois Rd., Houston, Texas 77066. Phone (281) 453-2222

Typical NCS Sleeve Dimensions (See Image at left)		I.D. (inches)	O.D. (inches)	Make-Up Length (feet)	Box-To- Port (ft)	Box-To- Profile (ft)	
1.	Top Pup	4.89	5.50	6.11			
2.	Frac Ports						
3.	Frac Sleeve	4.89	7.66	6.75	0.93	5.75	
4.	Locating Profile						
5.	Bottom Pup						
206.	Casing Joint	43.67	5308.90	5352.57			9587.86
207.	Casing Joint	43.68	5265.22	5308.90			9631.54
208.	Casing Joint	43.66	5221.56	5265.22			9675.20
209.	Casing Joint	43.72	5177.84	5221.56			9718.92
210.	Casing Joint	43.67	5134.17	5177.84			9762.59
211.	Casing Joint	43.70	5090.47	5134.17			9806.29
212.	Casing Joint	43.68	5046.79	5090.47			9849.97
213.	Casing Joint	43.69	5003.10	5046.79			9893.66
214.	Casing Joint	42.65	4960.45	5003.10			9936.31
215.	Casing Joint	43.69	4916.76	4960.45			9980.00
216.	Casing Joint	43.20	4873.56	4916.76			10023.20
217.	Casing Joint	43.68	4829.88	4873.56			10066.88
218.	Casing Joint	42.68	4787.20	4829.88			10109.56
219.	Casing Joint	42.64	4744.56	4787.20			10152.20
220.	Casing Joint	42.68	4701.88	4744.56			10194.88
221.	Casing Joint	43.28	4658.60	4701.88			10238.16
222.	Casing Joint	43.76	4614.84	4658.60			10281.92
223.	Casing Joint	43.68	4571.16	4614.84			10325.60
224.	Casing Joint	43.67	4527.49	4571.16			10369.27
225.	Casing Joint	43.71	4483.78	4527.49			10412.98
96.	Marker Joint	21.50	4462.28	4483.78			10434.48
226.	Casing Joint	43.69	4418.59	4462.28			10478.17
227.	Casing Joint	43.68	4374.91	4418.59			10521.85
228.	Casing Joint	43.29	4331.62	4374.91			10565.14
229.	Casing Joint	43.68	4287.94	4331.62			10608.82
230.	Casing Joint	43.70	4244.24	4287.94			10652.52
231.	Casing Joint	43.69	4200.55	4244.24			10696.21
232.	Casing Joint	43.70	4156.85	4200.55			10739.91
233.	Casing Joint	43.72	4113.13	4156.85			10783.63
234.	Casing Joint	43.68	4069.45	4113.13			10827.31
235.	Casing Joint	43.70	4025.75	4069.45			10871.01
236.	Casing Joint	43.72	3982.03	4025.75			10914.73
237.	Casing Joint	43.68	3938.35	3982.03			10958.41
238.	Casing Joint	43.70	3894.65	3938.35			11002.11
239.	Casing Joint	43.68	3850.97	3894.65			11045.79
240.	Casing Joint	43.50	3807.47	3850.97			11089.29
241.	Casing Joint	43.72	3763.75	3807.47			11133.01
242.	Casing Joint	43.18	3720.57	3763.75			11176.19
243.	Casing Joint	43.15	3677.42	3720.57			11219.34
244.	Casing Joint	43.70	3633.72	3677.42			11263.04
245.	Casing Joint	43.70	3590.02	3633.72			11306.74
246.	Casing Joint	43.71	3546.31	3590.02			11350.45
247.	Casing Joint	43.73	3502.58	3546.31			11394.18
248.	Casing Joint	40.08	3462.50	3502.58			11434.26



NCS TALLY SHEET

E&P Company: BC Operating

Well Name: Nighthawk State Com 3H

Production Casing: 5.5", P-110, 17 lb/ft, TTRS-1 Bttm 2 Jts 20#

Drill Bit Size: 8.5"

FSO#: 1453582

Date: #####

NCS Energy Services, 6826 Bourgeois Rd., Houston, Texas 77066. Phone (281) 453-2222

		Typical NCS Sleeve Dimensions (See Image at left)		I.D. (inches)	O.D. (inches)	Make-Up Length (feet)	Box-To- Port (ft)	Box-To- Profile (ft)	
	1.	Top Pup		4.89	5.50	6.11			
	2.	Frac Ports							
	3.	Frac Sleeve		4.89	7.66	6.75	0.93	5.75	
	4.	Locating Profile							
	5.	Bottom Pup							
249.	Casing Joint	43.33	3419.17	3462.50					11477.59
250.	Casing Joint	43.72	3375.45	3419.17					11521.31
251.	Casing Joint	43.25	3332.20	3375.45					11564.56
252.	Casing Joint	43.31	3288.89	3332.20					11607.87
253.	Casing Joint	43.05	3245.84	3288.89					11650.92
254.	Casing Joint	43.23	3202.61	3245.84					11694.15
255.	Casing Joint	42.74	3159.87	3202.61					11736.89
256.	Casing Joint	43.26	3116.61	3159.87					11780.15
257.	Casing Joint	43.65	3072.96	3116.61					11823.80
258.	Casing Joint	42.78	3030.18	3072.96					11866.58
259.	Casing Joint	41.75	2988.43	3030.18					11908.33
260.	Casing Joint	43.05	2945.38	2988.43					11951.38
261.	Casing Joint	43.72	2901.66	2945.38					11995.10
262.	Casing Joint	43.10	2858.56	2901.66					12038.20
263.	Casing Joint	43.67	2814.89	2858.56					12081.87
264.	Casing Joint	43.14	2771.75	2814.89					12125.01
265.	Casing Joint	42.46	2729.29	2771.75					12167.47
266.	Casing Joint	42.23	2687.06	2729.29					12209.70
267.	Casing Joint	39.09	2647.97	2687.06					12248.79
268.	Casing Joint	43.68	2604.29	2647.97					12292.47
269.	Casing Joint	43.67	2560.62	2604.29					12336.14
270.	Casing Joint	43.68	2516.94	2560.62					12379.82
271.	Casing Joint	43.37	2473.57	2516.94					12423.19
272.	Casing Joint	43.09	2430.48	2473.57					12466.28
273.	Casing Joint	43.68	2386.80	2430.48					12509.96
274.	Casing Joint	42.95	2343.85	2386.80					12552.91
275.	Casing Joint	43.68	2300.17	2343.85					12596.59
276.	Casing Joint	43.78	2256.39	2300.17					12640.37
277.	Casing Joint	43.20	2213.19	2256.39					12683.57
278.	Casing Joint	43.70	2169.49	2213.19					12727.27
279.	Casing Joint	43.66	2125.83	2169.49					12770.93
280.	Casing Joint	42.90	2082.93	2125.83					12813.83
281.	Casing Joint	43.20	2039.73	2082.93					12857.03
282.	Casing Joint	43.69	1996.04	2039.73					12900.72
283.	Casing Joint	43.70	1952.34	1996.04					12944.42
284.	Casing Joint	42.50	1909.84	1952.34					12986.92
285.	Casing Joint	43.21	1866.63	1909.84					13030.13
286.	Casing Joint	43.72	1822.91	1866.63					13073.85
287.	Casing Joint	43.67	1779.24	1822.91					13117.52
288.	Casing Joint	43.17	1736.07	1779.24					13160.69
289.	Casing Joint	43.67	1692.40	1736.07					13204.36
290.	Casing Joint	43.13	1649.27	1692.40					13247.49
291.	Casing Joint	43.25	1606.02	1649.27					13290.74
292.	Casing Joint	43.74	1562.28	1606.02					13334.48
293.	Casing Joint	43.62	1518.66	1562.28					13378.10



NCS TALLY SHEET

E&P Company: BC Operating

Well Name: Nighthawk State Com 3H

Production Casing: 5.5", P-110, 17 lb/ft, TTRS-1 Bttm 2 Jts 20#

Drill Bit Size: 8.5"

FSO#: 1453582

Date: #####

NCS Energy Services, 6826 Bourgeois Rd., Houston, Texas 77066. Phone (281) 453-2222

		Typical NCS Sleeve Dimensions (See Image at left)		I.D. (inches)	O.D. (inches)	Make-Up Length (feet)	Box-To- Port (ft)	Box-To- Profile (ft)	
	1.	Top Pup		4.89	5.50	6.11			
	2.	Frac Ports							
	3.	Frac Sleeve		4.89	7.66	6.75	0.93	5.75	
	4.	Locating Profile							
	5.	Bottom Pup							
294.	Casing Joint	43.40	1475.26	1518.66					13421.50
295.	Casing Joint	43.67	1431.59	1475.26					13465.17
296.	Casing Joint	43.67	1387.92	1431.59					13508.84
297.	Casing Joint	41.82	1346.10	1387.92					13550.66
298.	Casing Joint	43.68	1302.42	1346.10					13594.34
299.	Casing Joint	43.58	1258.84	1302.42					13637.92
300.	Casing Joint	43.75	1215.09	1258.84					13681.67
301.	Casing Joint	43.68	1171.41	1215.09					13725.35
302.	Casing Joint	43.78	1127.63	1171.41					13769.13
303.	Casing Joint	43.70	1083.93	1127.63					13812.83
304.	Casing Joint	43.68	1040.25	1083.93					13856.51
305.	Casing Joint	43.68	996.57	1040.25					13900.19
306.	Casing Joint	43.68	952.89	996.57					13943.87
307.	Casing Joint	43.71	909.18	952.89					13987.58
308.	Casing Joint	42.98	866.20	909.18					14030.56
309.	Casing Joint	43.74	822.46	866.20					14074.30
310.	Casing Joint	43.70	778.76	822.46					14118.00
311.	Casing Joint	43.68	735.08	778.76					14161.68
312.	Casing Joint	43.68	691.40	735.08					14205.36
313.	Casing Joint	43.75	647.65	691.40					14249.11
314.	Casing Joint	43.70	603.95	647.65					14292.81
315.	Casing Joint	43.75	560.20	603.95					14336.56
316.	Casing Joint	43.18	517.02	560.20					14379.74
317.	Casing Joint	43.70	473.32	517.02					14423.44
318.	Casing Joint	43.58	429.74	473.32					14467.02
319.	Casing Joint	43.37	386.37	429.74					14510.39
320.	Casing Joint	43.68	342.69	386.37					14554.07
321.	Casing Joint	43.32	299.37	342.69					14597.39
322.	Casing Joint	43.68	255.69	299.37					14641.07
323.	Casing Joint	43.70	211.99	255.69					14684.77
324.	Casing Joint	43.21	168.78	211.99					14727.98
325.	Casing Joint	43.65	125.13	168.78					14771.63
326.	Casing Joint	41.45	83.68	125.13					14813.08
327.	Casing Joint	43.67	40.01	83.68					14856.75
328.	Casing Joint	43.01	-3.00	40.01					14899.76
97.	Stick Up	-3.00	0.00	-3.00					14896.76