Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR NM OCCOMSESMATION BUREAU OF LAND MANAGEMENT ARTESIA DISTRICT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS AND Do not use this form for proposals to drill or to re-enter an	
Do not use this form for proposals to drill or to re-enter an u	
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5. Lease Serial No.

3 2015

	INIMINI	110941	
6	If Indian	Allottee or Tribe Name	

abandoned wei	i. Use form 3160-3 (APD) for	such proposals.	o. It motall, renou	co of Thise Hame
SUBMIT IN TRI	7. If Unit or CA/A	greement, Name and/or No.		
1. Type of Well Gas Well Oth	er		8. Well Name and SKEEN 22 26	No. 26 FED COM 7H
2. Name of Operator CHEVRON U.S.A. INC.	Contact: BRITA E-Mail: bcortez@chevron		9. API Well No. 30-015-4288	9
3a. Address 15 SMITH ROAD MIDLAND, TX 79705		hone No. (include area code) 432-687-7415	10. Field and Pool WELCH; BC	l, or Exploratory NE SPRING
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)		11. County or Par	ish, and State
Sec 22 T26S R26E Mer NMP	402FSL 660FEL		EDDY COU	NTY, NM
12. CHECK APPI	ROPRIATE BOX(ES) TO IND	ICATE NATURE OF N	OTICE, REPORT, OR OT	HER DATA
TYPE OF SUBMISSION		TYPE OF	ACTION	
☐ Notice of Intent	☐ Acidize	□ Deepen	☐ Production (Start/Resume	Water Shut-Off
		☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
Subsequent Report	_ ~ .	■ New Construction	☐ Recomplete	.⊠ Other Production Start-up
☐ Final Abandonment Notice		☐ Plug and Abandon	☐ Temporarily Abandon	1 roduction Start-up
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	
following completion of the involved testing has been completed. Final Abdetermined that the site is ready for f 4/10/15- MIRU 4/14/15- Perf Stage 1- 15448-4/16/15- Frac stage 1- Clean 14954-15164, Frac stage 2- C14886-14676, Frac Stage 3- C14606-14396, Frac Stage 4- C		a multiple completion or reco after all requirements, includi 281,254 lbs. Perf Stag I Prop- 271,224, Perf St al Prop- 268,292 lbs, Pe al Prop- 295,637, Perf St	mpletion in a new interval, a Form ng reclamation, have been completed. CCF e 2- age 3- rf Stage 4- bitage 5- NM O	3160-4 shall be filed once ted, and the operator has price for record NMOCD
14046-13836 4/17/15- Frac Stage 6- Clean 13764-13554, Frac Stage 7- 0 13484-13274, Frac Stage 8- 0	Volume- 231,795 gal, Total Pro Clean Volume- 221,663 gal, Tota Clean Volume- 234,009 gal, Tota Clean Volume- 223,677 gal, Tota	p- 281,978 lbs, Perf Sta al Prop- 273,592 lbs, Pe al Prop- 304,204 lbs, Pe	ge 7- rf Stage 8- rf Stage 9- rf Stage 10-	AUG 3 2015
·				RECEIVED
14. I hereby certify that the foregoing is	Electronic Submission #306942	verified by the BLM Well S.A. INC., sent to the Ca cessing by DEBORAH HA	Information System rlsbad ACCEPTED	FOR RECORD
Name (Printed/Typed) BRITANY			ATORY SPECIALIST	
Signature (Electronic S	Submission)	Date 06/25/20	015	2 8, 2015
	THIS SPACE FOR FE	DERAL OR STATE	DUDGALL OF LA	Dan
Approved By		Title	CARLSBAD	FIELD OFFICE Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equivaling which would entitle the applicant to conditions.	uitable title to those rights in the subjec			

Additional data for EC transaction #306942 that would not fit on the form

32. Additional remarks, continued

12924-12714, Frac Stage 10- Clean Volume- 224,556 gal, Total Prop- 283,222 lbs, Perf Stage 11-12644-12434 4/18/15- Frac Stage 11- Clean Volume- 227,814 gal, Total Prop- 296845 lbs, Perf Stage 12-12364-12154, Frac Stage 12- Clean Volume- 230,142 gal, Total Prop- 287,260 lbs, Perf Stage 13-12084-11874, Frac Stage 13- Clean Volume- 219,324 gal, Total Prop- 271,522 lbs, Perf stage 14-11804-11594, Frac Stage 14- Clean Volume- 225,218 gal, Total Prop- 273,545 lbs, Perf Stage 15-1524-11314, Frac Stage 15- Clean Volume- 222,243 gal, Total Prop- 280,982 lbs, Perf Stage 16-11244-11034, Frac Stage 16- Clean Volume- 288,280 gal, Total Prop- 255,484 lbs; Perf Stage 17-10964-10754; Frac Stage 17- Clean Volume- 218,593 gal, Total Prop- 279,489 lbs 4/19/15- Perf Stage 18- 10684-10614,10544-10474 Frac Stage 18- Clean Volume- 236,410 gal, Total Prop- 270,480 lbs, Perf Stage 19- 10404-10194, Frac Stage 19- Clean Volume- 217,665 gal, Total Prop- 283,183 lbs; Perf Stage 20- 10124-9914, Frac Stage 20- Clean Volume- 212,920 gal, Total Prop- 272,600 lbs, Perf Stage 21- 9844-9634, Frac Stage 21- Clean Volume- 204,019 gal, Total Prop- 260,979 lbs, Perf Stage 22- 9564-9354, Frac Stage 22- Clean Volume- 208,745 gal, Total Prop- 268,502 lbs 4/20/15- Perf Stage 23- 9284-9074, Frac Stage 23- Clean Volume- 19601 gal, Total Prop- 261,193 lbs 5/2/15- Set 2 7/8" tbg @ 7633' 5/4/15- Rig Down 5/27/15- First Production

6/1/15- Flowing 193 Oil, 513 Gas, 4102 Water, Choke 35/64, Tbg- 675

^{**}This well is a Comm well. The two lease serial numbers are NMNM113941 & NMNM113942



Tubing Summary

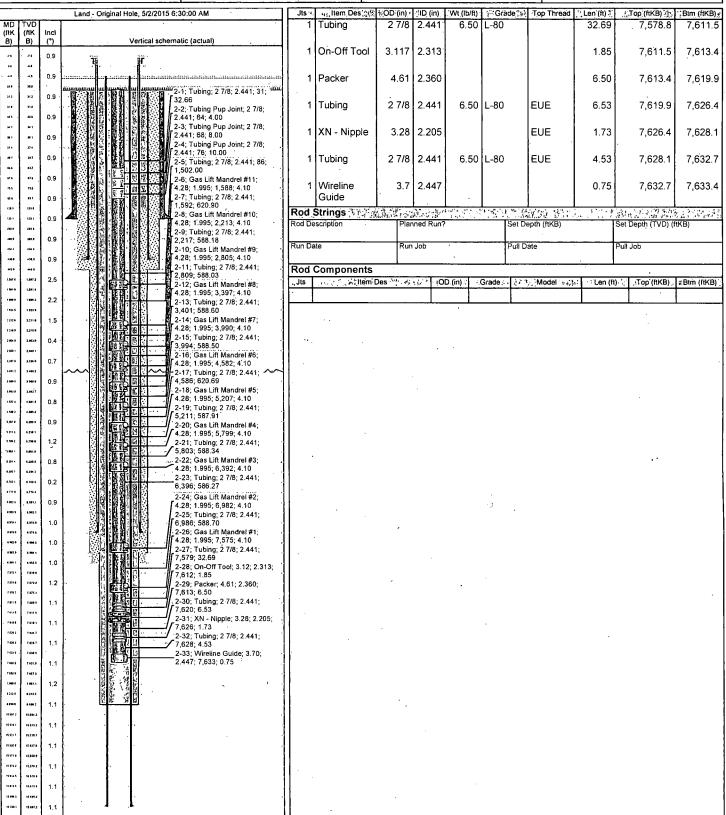
Well Name		Lease	Field Name	Business Unit
SKEEN 22-26-26 FED 007H		Skeen 22-26-26 Fed	Delaware River	Mid-Continent
Ground Elevation (ft)		Original RKB Elevation (ft)	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)
11	3,406.00	3,437	00 3,437:00, 1/28/2015	
Current KB to Ground (ft)	-	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)
	31,00			

<u> </u>			1 and Occine Hale 5/0/00/5 6:00:00 Att	Tubin	a Ctrinactor	material and	54 - 151 - 151 A	M", * 100" 3	notation at the	17301 Subodinari	Next out them seen	to a feli de mon te orden mese	306 7 12 4 dt 14d7
Land - Original Hole, 5/2/2015 6:30:00 AM MD TVD				g Strings (2)		nned Run?	郑适山产产	(1607°). 1	写成立行行機 Set Depth (MD) (ftKE	<u>(2.5.2.3.3.3.4.3.3.4.3.3.4.3.3.4.3.3.4.3.3.4.3.3.4.3.3.4.3.3.4.3.3.4.3.3.4.3.3.4.3.3.4.3.3.4.3.3.4.3.3.4.3.3.</u> 3)	Set Depth (TVD) (f		
(ftK . B) .	(ftK B)	Incl (°)	Vertical schematic (actual)	Tubin	g - Production	1		N			7,633.4		7,631.8
	-,	0.9		Run Dat			Job	4/0/201	- 1	Pull Date		Pull Job	
41		0.5			5/2/2015		mplete, :00	4/9/2013	?				
49 201	41	0.9		1;"Jts 3	** Item Des (3)			Wt (lb/ft);	:#'Gra	de 🥳 Top Thread	v Len (ft)	注)Top (ftKB)。	Btm:(ftKB)
. 117	312	0.9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	Tubing	2 7/8	2.441	6.50	L-80		32.66	· 30.9	63.6
225	31.8	0.9	[2-2; Tubing Pup Joint; 2 7/8;						l				
273 243	лэ ж1	0.9	[1	Tubing Pup Joint	2 7/8	2.441	6.50	L-80		4.00	63.6	67.6
#1	24.1	.0.9	2.441; 68; 8.00 (2.45) 2.45					0.50		ŀ	0.00	., .	75.6
29.7	374	0.9	第三是農/隆斯 民職 2.441; 76; 10.00	1	Tubing Pup Joint	2 //8	2.441	6.50	L-80		8.00	67.6	75.6
854	63.7		2-5; Tubing, 2 7/8; 2.441; 86; 1,502.00	1	Tubing Pup	2 7/8	2:441	6.50	L-80	Ì	10.00	75.6	85:6
155	763	0.9	2-6; Gas Lift Mandrel #11; 4.28; 1.995; 1,588; 4.10		Joint			0.00	"				55.5
n.	14.7	0.9	2-7; Tubing; 2 7/8; 2.441; 1,592; 620,90	46	Tubing	2 7/8	2.441	6.50	L-80	'	1,502.0	85.6	1,587.6
129.5	129 0 1 139,1	0.9	2-8; Gas Lift Mandrel #10;								0	,	
358-6	3191		(4.28; 1.995; 2,213; 4.10 (2-9; Tubing; 2.7/8; 2.441;	1	Gas Lift	4.283	1.995				4.10	1,587.6	1,591.7
192.1	344.	0.9	2,217; 588.18		Mandrel #11								
1360	434.3	0,9	4.28; 1.995; 2,805; 4.10	10	Tubing	27/0	2.441	6.50	L-80		620.90	1,591.7	2.212.6
1567.6	1,507.2	2.5	2.	19	rubing	2 1/6	2,441	0.50	L-00		020.90	1,551.1	2,212.0
1,551 9	uini -		(京)	1	Gas Lift	4.283	1.995				4.10	2,212.6	2,216.7
14209	1,823 1	2.2	2-13; Tubing; 2 7/8; 2.441; 3 3,401; 588.60		Mandrel							,	,
22124	7211.6	1.5	2-14; Gas Lift Mandrel #7;		#10	ļ				,			
2,216 P	2,214 0 2,003 0	0.4	(4.28; 1.995; 3,990; 4.10 (4.28; 1.995; 3,990; 4.10 (4.28; 1.995; 3,990; 4.10	18	Tubing	2 7/8	2.441	6.50	L-80		588.18	2,216.7	2,804.9
2 869 1	2,001 1	0.4	3,994; 588.50 2.16; Gas Lift Mandrel #6;		0 1:0		1,005				4.40	0.004.0	0.000.0
J4112	2,395 0 2,460 1	0,7	4.28; 1.995; 4,582; 4.10	1	Gas Lift Mandrel #9	4.283	1.995				4.10	2,804.9	2,809.0
73894	3,900 6	0.9	4,586, 620.69	18	Tubing	27/8	2.441	6.50	L-80		588.03	2,809.0	3,397.0
3804	3.992.7 4.581.3	0.8		'"	rabing	- //0	2.77	0.50	12-00		000.00	2,000.0	0,007.0
1383	13013 13012	0.0	2-19: Tubing: 2 7/8: 2.441:	1	Gas Lift	4.283	1.995				4.10	3,397.0	3,401.1
1 38F +	5.205 P 5.210 1	0.9	2-20; Gas Lift Mandrel #4;	1	Mandrel #8							·	
1799.2	17964	1.2		18	Tubing	2 7/8	2.441	6.50	L-80		588.60	3,401.1	3,989.7
5 st0 s 1 8 pt+ 4	8,941,1 4,319.1	0.8	[1] (日本	'			1	· .				. '	[
¢395.7	6,394.2	0.0	4.28; 1.995; 6,392; 4.10 2-23; Tubing; 2.7/8; 2.441;	1	Gas Lift Mandrel #7	4.283	1.995		1		4.10	3,989.7	3,993.8
6707	6,760.6 6.776.4	0.2	6,396, 586.27	10	Tubing	2 7/8	2.441	6.50	L-80		588.50	3,993.8	4,582.3
6,9024	4,901.1	0.9	2-24; Gas Lift Mandrel #2; 4.28; 1.995; 6,982; 4.10	'°	rubing	2,110	2.441	.6.50	L-80		366.30	3,993.0	4,302.3
4901	6.902.1	1.0	2-25; Tubing; 2 7/8; 2.441; 6,986; 588.70	1	Gas Lift	4.283	1.995	1		Ì	4.10	4,582.3	4,586.4
6371	4 276 3	1.0	2-26; Gas Lift Mandrel #1;		Mandrel #6			· ·	1				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1951	6,9914	1,0	4.28; 1.995; 7,575; 4.10 2-27; Tubing; 2 7/8; 2.441;	19	Tubing	2 7/8	2.441	6.50	L-80	Ì	620.69	4,586.4	5,207.1
	6,993 5	1.0	7,579; 32.69 2-28; On-Off Tool; 3.12; 2.313;									1	
7574.9	7 319 9	1.2	7,612, 1.85	1	Gas Lift	4.283	1.995	,		ľ	4.10	5,207.1	5,211.2
79717	1,577 1	ł	2-29; Packer; 4.61; 2.360;	10	Mandrel #5	27/0	2 444	6 50			587.01	. 5011.0	5 700 1
78115	7,609.9	1.1	.2-30; Tubing; 2 7/8; 2.441; 7,620; 6.53	''	Tubing	21/8	2.441	0.50	L-80		587.91	5,211.2	5,799.1
75101	7 416 1	1.1	2-31; XN - Nipple; 3.28; 2.205; 7,626; 1.73	1	Gas Lift	4.283	1.995				4.10	5,799.1	5,803.2
74013	76247	1,1	2-32; Tubing; 2 7/8; 2.441;		Mandrel #4							-1	-,
76035	76301	l	2-32; Tubing; 2 7/8; 2.441; 7 7,628; 4.53	18	Tubing	2 7/8	2.441	6.50	L-80		588.34	5,803.2	6,391.6
74545 74545	7,831.6	1,1	原										
,	7,867.5	1.2		1	Gas Lift	4.283	1.995				4.10	6,391.6	6,395.7
1291	0,217.2	,,			Mandrel #3							0.005 =	
15 507 2	10.594.3	1,1		18	Tubing	2 7/8	2.441	6.50	L-80		586.27	6,395.7	6,981.9
15 5 5 5 1	15 613 2	1.1		1	Gas Lift	1 222	1.995				4.10	6,981.9	6,986.0
16 521 7 16 530 9	15,516.7	1,1		'	Mandrel #2	4.203	, 1.553	1			4.10	0,301.9	0,500.0
15371.0	15 564 9			18	Tubing	2 7/8	2.441	6.50	L-80		588.70	6,986.0	7,574.7
15,612.5	15.570.2	1.1											,
13,615.3	19,612 6	1,1		1	Gas Lift	4.283	1.995			1	4.10	7,574.7	7,578.8
15,690 2 15,700 1	15 693 2	1,1	1, 1		Mandrel #1	<u> </u>	<u> </u>		<u> </u>				
📙	I	l		L									
					Page	1/2			-		Rep	ort Printed:	6/24/2015



Tubing Summary

Well Name		Lease	Field Name	Business Unit
SKEEN 22-26-26 FED 007H	i	Skeen 22-26-26 Fed	Delaware River	Mid-Continent
Ground Elevation (ft)		Original RKB Elevation (ft)	Current RKB Elevation	Mud Line Elevation (ft) Water Depth (ft)
	3,406.00	3,437.00	3,437.00, 1/28/2015	
Current KB to Ground (ft)		Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)
·	31.00			



Page 2/2



Field Name Business Unit Skeen 22-26-26 Fed Mid-Continent Delaware River SKEEN 22-26-26 FED 007H Land - Original Hole, 6/24/2015 9:33:50 AM Job Details 为企业的企业,在企业企业,并通过企业的企业企业企业的企业企业的企业企业。 M Vertical schematic (actual) (ftKB 4/9/2015 4/15/2015 Completion -7.5 4/14/2015 4/20/2015 Completion 3-1; Hanger; 9 5/8; 8,750; -7; 0.80 Completion 4/21/2015 4/23/2015 -4.9 3-2; Landing Joint; 9 5/8; 8,750; -7; 38,37 4-1; Landing Joint; 5 1/2; 4,906; -5; 37,27 30.8 Completion 4/23/2015 4/25/2015 31.2 Completion 4/25/2015 4/28/2015 31.6 4/30/2015 5/4/2015 Completion 32.5 2-1: Casing Joint: 13 3/8: 12.715: 31: 3.25 3-3; Pup; 9 5/8; 8.750; 32; 4.18 4-2; Pup Joint/Hanger; 5 1/2; 4.906; 32; 5.20 34.1 C. L. Miller Casing Strings 36.1 OD (in) Wt/Len (lb/ft) Set Depth 2-2; Pup Joint; 13 3/8; 12.715; 34; 5,33 Csg Des 37.4 (MD) (ftKB) 39.7 2-1: Tubing: 27/8: 2.441: 31: 32.66 Conductor 20 166.40 HC P110 139 636 2-2; Tubing Pup Joint; 2 7/8; 2.441; 64; 4.00 Surface 13 3/8 48.00 H-40 436 -2-3; Tubing Pup Joint; 27/8; 2.441; 68; 8,00 43.50 HCP-110 75 5 Intermediate Casing 9 5/8 6,978 2-4; Tubing Pup Joint; 2 7/8; 2.441; 76; 10.00 126.9 Production Casing 5 1/2 17.00 P-110 15.700 139. 3; Casing Joint; 13 3/8; 12.715; 40; 319.95 Tubing Strings THE SECRETARY OF THE PARTY OF T 。 [18] "理想是是他的意思,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我 359.6 =2-4: Float Collar: 13 3/8: 12.715: 360: 1.34 Versa Set packer set at 7,627.5ftKB on 4/27/2014/13:30 360 9 2-5; Casing Joint; 13 3/8; 12.715; 361; 73.56 un Date 434.4 Set Depth (MD) (ftKB) ing Length (ft) 2-6; Float Shoe; 13 3/8; 12.715; 434; 1.56 436.0 4/27/2014 7,627.5 Versa Set packer -2-5; Tubing; 2 7/8; 2.441; 86; 1,502.00; -3-4; Casing Joint; 9 5/8; 8.750; 36; 1,863.98 李成素 (in) (Wt (lb/ft)) 我Grade T ₩.Btm (ftKB) # KLen (ft) (84) ,587. 5915 Tubing Production set at 7,633.4ftKB on 5/2/2015.06:30 网络电影 1 899 5 2-7; Tubing; 2 7/8; 2.441; 1,592; 620.90 . 3-5; DV TOOL; 9 5/8; 8,750; 1,900; 24,75 Set Depth (MD) (ftKB) Tubing Description Run Date String Length (ft) Tubing - Production 5/2/2015 7.602.46 7.633.4 2,212.6 2-8: Gas Lift Mandrel #10: 4.28: 1.995: 2.213: 4.10 是新教育是主义的 item.Des 。在100年代的 () Blm (ftKB) (f ""Uts]髌 视OD[(in)} Wt (lb/ft) 紧Grade た。 Len (ft) 流は 2.216 9 -2-9: Tubing: 2 7/8: 2.441: 2.217: 588.18 2.804 6 Tubing 2,7/8 6.50 L-80 32.66 63.6 1 -2-10: Gas Lift Mandrel #9: 4.28: 1.995: 2.805: 4.10 2,809 2 7/8 6.50 L-80 4.00 67.6 **Tubing Pup Joint** 1 2-11; Tubing; 2 7/8; 2.441; 2,809; 588.03 3,397.0 2-12; Gas Lift Mandrell #8; 4.28; 1,995; 3,997; 4.10 2-13; Tubing, 27/8; 2441; 3,401; 588.66 4-3; Casing Joint; 5 1/2; 4,906; 387, 7,241,37 2-14; Gas Lift Mandrell #7; 4.26; 1,995; 3,990; 4.10 2-15; Tubing, 27/8; 2441; 3,949; 5895; 3,990; 4.10 3-36; Casing Joint, 9,5/8; 6,75/01; 1,925; 4,977,74 75.6 2 7/8 6.50 8 00 **Tubing Pup Joint** 1 I -80 3 401.2 3 989 6 **Tubing Pup Joint** 1 2 7/8 6.50 L-80 10.00 85.6 1 593 6 . 46 2 7/8 6.50 L-80 1,502.00 1,587.6 Tubing 4 887 7 2-16; Gas Lift Mandrel #6; 4.28; 1.995; 4,582; 4.10 4.283 Gas Lift Mandrel #11 4.10 1.591.7 4,586 3 2-17; Tubing; 27/8; 2.441; 4,586; 620.69 19 2 7/8 6.50 L-80 620.90 2,212.6 Tubina 2-18: Gas Lift Mandrel #5: 4.28: 1.995: 5.207: 4.10 6.211.3 2-19; Tubing; 2 7/8; 2.441; 5,211; 587.91 Gas Lift Mandrel #10 4 283 4 10 2,216.7 1 5,799 2 2-20; Gas Lift Mandrel #4; 4.28; 1.995; 5,799; 4.10 588.18 2,804.9 Tubina 18 2 7/8 6.50 I -80 5,803 1 -2-21: Tubing: 2 7/8: 2.441: 5.803: 588.34 6,391 Gas Lift Mandrel #9 4.283 4.10 2,809.0 2-22: Gas Lift Mandrel #3; 4.28; 1.995; 6,392; 4.10 6,395 7 18 2 7/8 6.50 L-80 588.03 3,397.0 Tubina 2-23; Tubing; 2 7/8; 2.441; 6,396; 586.2 6,702.1 Gas Lift Mandrel #8 1 4 283 4 10 3,401,1 6.777.9 6,902.6 Tubing 18 2 7/8 6.50 L-80 588.60 3,989,7 3.7: Float Collar: 9 5/8: 8 750: 6 902: 1 18 5 903 S 3-8; Casing Joint; 9 5/8; 8.750; 6,904; 72.79 Gas Lift Mandrel #7 1 4 283 4 10 3.993.8 6 976 4 3-9; Float Shoe; 9 5/8; 8.750; 6,976; 1.62 Tubing 18 2 7/8 6.50 L:80 588.50 4,582.3 Gas Lift Mandrel #6 4.283 4.10 4,586.4 2-24; Gas Lift Mandrel #2; 4.28; 1.995; 6,982; 4.10 6 985 9 Tubing 19 2 7/8 6.50 L-80 620.69 5,207.1 6 995 2-25; Tubing; 2 7/8; 2.441; 6,986; 588.70 4.283 Gas Lift Mandrel #5 4.10 5,211.2 7.574 8 18 2 7/8 6.50 L-80 587.91 5,799.1 2-26: Gas Lift Mandrel #1: 4.28: 1.995: 7.575: 4.10 Tubina 7,578 2-27: Tubing: 2 7/8: 2.441: 7.579: 32.69 Gas Lift Mandrel #4 4.283 4 10 5 803 2 2-26; On-Off Tool; 3.12; 2.313; 7,612; 1.85 2 7/8 7,613,5 18 6.50 L-80 588.34 6,391.6 Tubing 2-29: Packer: 4.61: 2.360: 7.613: 6.50 7,619,8 -2-30; Tubing; 2 7/8; 2.441; 7,620; 6.53 Gas Lift Mandrel #3 4 283 4 10 6,395.7 7.626 3 2-31; XN - Nipple; 3.28; 2.205; 7,626; 1,73 Tubing 18 2 7/8 6.50 L-80 586.27 6,981.9 7,628.3 -2-32: Tubing: 2 7/8: 2.441: 7.628: 4.53 7.632.5 Gas Lift Mandrel #2 4.283 6,986.0 4.10 2-33; Wireline Guide; 3.70; 2.447; 7,633; 0.75 7,633.5 Tubina 18 2 7/8 6.50 L-80 588.70 7,574.7 7,858 9 4-4; Marker Joint; 5 1/2; 4.906; 7,859; 9,98 Gas Lift Mandrel #1 4.283 7.578.8 1 4.10 7 868.8 8.213.6 32.69 2 7/8 Tubina 1 6.50 L-80 7.611.5 8 690 0 4-5; Casing Joint; 5 1/2; 4.906; 7,869; 7,638.20 On-Off Tool 1 3.117 1.85 7,613.4 4-6: Pup: 5 1/2: 4.906: 15.507: 9.10 4.61 6.50 7,619.9 Packer 15.516 4-7: RSI: 5 1/2: 4 906: 15 516: 5 59 15,521.7 Tubing 2 7/8 6.50 L-80 6.53 7,626.4 1 4-8: Pup: 5 1/2: 4.906: 15.522: 9.11 15,530 8 4-9; Casing Joint; 5 1/2; 4.906; 15,531; 40,81 XN - Nipple 3 28 1 73 7,628.1 15,571 8 4-10; Landing Collar; 5 1/2; 4.905; 15,572; 1.55 4.53 7,632.7 15,573 2 Tubing 2 7/8 6.50 L-80 4-11; Casing Joint; 5 1/2; 4.906; 15,573; 40.34 15 613.5 Wireline Guide 3.7 0.75 7,633.4 4-12; Float Collar; 5 1/2; 4,906; 15,614; 2,05 15 815 5 -4-13; Casing Joint; 5 1/2; 4,906; 15,616; 82,56 4-14; Float Shoe; 5 1/2; 4.906; 15,698; 1.80 Page 1/5 Report Printed: 6/24/2015



Delaware River SKEEN 22-26-26 FED 007H Skeen 22-26-26 Fed Mid-Continent Land - Original Hole, 6/24/2015 9:33:50 AM Perforations: Ment the same of the same Entered Shot MD : Shot (ftKB) Vertical schematic (actual) Btm (ftKB) Zone & Completion Date Top (ftKB) (shots/ft) -75 -3-1; Hanger; 9 5/8; 8.750; -7; 0.80 4/20/2015 9.074.0 9.076.0 6.0 12 Bone Spring, Original Hole -6 6 4/20/2015 9,144.0 9:146.0 6.0 12 Bone Spring, Original Hole -49 3-2; Landing Joint; 9 5/8; 8.750; -7; 38.37 4-1; Landing Joint; 5 1/2; 4.906; -5; 37.27 30 8 9,214.0 4/20/2015 9.216.0 6.0 12 Bone Spring, Original Hole 4/20/2015 9,284.0 9,286.0 6.0 12 Bone Spring, Original Hole 4/19/2015 9,354.0 9,356.0 6.0 12 Bone Spring, Original Hole 2-1: Casing Joint: 13 3/8: 12.715: 31: 3.25 -3-3; Pup; 9 5/8; 8.750; 32; 4.18 -4-2; Pup Joint/Hanger; 5 1/2; 4.906; 32; 5.20 6.0 4/19/2015 9,424.0 9,426.0 12 Bone Spring, Original Hole 4/19/2015 9,494.0 9,496.0 6.0 12 Bone Spring, Original Hole -2-2; Pup Joint; 13 3/8; 12.715; 34; 5.33 -37 4 9,564.0 9.566.0 6.0 4/19/2015 12 Bone Spring, Original Hole 39 7 2-1: Tubing: 27/8: 2.441: 31: 32.66 **£3** 6 -2-2; Tubing Pup Joint; 2 7/8; 2.441; 64; 4.00 4/19/2015 9,634.0 9.636.0 6.0 12 Bone Spring, Original Hole 67 8 -2-3; Tubing Pup Joint; 2 7/8; 2.441; 68; 8.00 4/19/2015 9,704.0 9,706.0 6.0 12 Bone Spring, Original Hole 75 5 2-4; Tubing Pup Joint; 2 7/8; 2 441; 76; 10.00 -1-1; Casing Joint; 20; 18.250; 31; 108.00 85 6 9,774.0 9,776.0 6.0 4/19/2015 12 Bone Spring, Original Hole 4/19/2015 9,844.0 9,846.0 6.0 12 Bone Spring, Original Hole 139.1 2-3; Casing Joint; 13 3/8; 12.715; 40; 319.95 6.0 4/19/2015 9 914 0 9,916.0 12 Bone Spring, Original Hole -2-4; Float Collar: 13 3/8; 12,715; 360; 1,34 6.0 4/19/2015 9.984.0 9,986.0 12 Bone Spring, Original Hole -2-5: Casing Joint: 13 3/8: 12,715: 361: 73.56 2-6; Float Shoe; 13 3/8; 12.715; 434; 1.56 4/19/2015 10,054.0 10,056.0 6.0 12 Bone Spring, Original Hole 436 0 2-5; Tubing; 2 7/8; 2.441; 86; 1,502.00 3-4; Casing Joint; 9 5/8; 8.750; 36; 1,863.98 445.5 1.587.6 4/19/2015 10,124.0 10.126.0 6.0 12 Bone Spring, Original Hole -2-6; Gas Lift Mandrel #11; 4.28; 1.995; 1,588; 4.10 1,591.9 1,699 9 2-7; Tubing; 2 7/8; 2.441; 1,592; 620.90 3-5; DV TOOL; 9 5/8; 8.750; 1,900; 24.75 4/19/2015 10,124.0 10,126.0 6.0 12 Bone Spring, Original Hole 1,924 2,212.6 -2-8; Gas Lift Mandrel #10; 4.28; 1.995; 2,213; 4.10 6.0 4/19/2015 10.194.0 10.196.0 12 Bone Spring, Original Hole 2,216. -2-9; Tubing; 27/8; 2.441; 2,217; 588.1B -2-10; Gas Lift Mandrel #9; 4.28; 1.995; 2,805; 4.10 2.809 I NOT 4/19/2015 10,264.0 10,266.0 6.0 12 Bone Spring, Original Hole -2-11; Tubing; 27/8; 2.441; 2,809; 588.03 3,397, 2-12; Gas Lift Mandrel #8, 428, 1,995, 3,397, 4,10
2-13; Tusing; 278; 2441, 340; 596 60
4-3; Casing Joint, 5 1/2; 4,906, 39, 7,821,37
2-14; Gas Lift Mandrel #7, 428, 1,995, 3,990; 4,10
2-15; Tubing, 27/6; 24/1, 399, 886,50
3-8; Casting Joint, 9 3/8, 6,750, 1,925, 4,977,74 3,401 2 4/19/2015 10,334.0 10,336.0 6.0 12 Bone Spring, Original Hole 3,989 3,993.8 4,582.3 4/19/2015 10,404.0 10,406.0 6.0 12 Bone Spring, Original Hole =2-16; Gas Lift Mandrel #6; 4.28; 1.995; 4,582; 4.10 4,586 3 2-17; Tubing; 27/8; 2.441; 4,586; 620.69 5,207.0 =2-18; Gas Lift Mandrel #5; 4.28; 1,995; 5,207; 4.10 4/19/2015 10,474.0 10,476.0 6.0 12 Bone Spring, Original Hole 温. 2-19; Tubing; 27/8; 2.441; 5,211; 587.91 5,799 -2-20: Gas Lift Mandret #4: 4.28: 1.995: 5.799: 4.10 10 4/19/2015 10,544.0 10,546.0 6.0 12 Bone Spring, Original Hole 2-21; Tubing; 2 7/8; 2.441; 5,803; 588.34 6,391. =2-22; Gas Lift Mandrel #3; 4,28; 1,995; 6,392; 4.10 6,395. 4/19/2015 10,614.0 10,616.0 6.0 12 Bone Spring, Original-Hole 2-23: Tubing: 2 7/8: 2.441: 6.396: 586.27 6,702 1 6,777.9 6,902.6 4/19/2015 10,684.0 10,686.0 6.0 12 Bone Spring, Original Hole -3-7: Float Collar: 9 5/8: 8.750: 6.902: 1.18 5,903 3-8; Casing Joint; 9 5/8; 8.750; 6,904; 72.79 6.976 4 3-9; Fioat Shoe; 9 5/8; 8.750; 6,976; 1.62 4/18/2015 10,754.0 10,756.0 6.0 12 Bone Spring, Original Hole 6,978. 2-24; Gas Lift Mandrel #2; 4.28; 1.995; 6,982; 4.10 6 985 9 4/18/2015 10,824.0 10,826.0 6.0 12 Bone Spring, Original Hole 2-25; Tubing; 2 7/8; 2.441; 6,986; 588.70 7,512, 4/18/2015 10,894.0 10,896.0 6.0 12 Bone Spring, Original Hole 2-26; Gas Lift Mandrel #1; 4.28; 1.995; 7.575; 4.10 7,57a -2-27; Tubing; 2 7/8; 2.441; 7,579; 32.69 4/18/2015 10,964.0 10,966.0 6.0 12 Bone Spring, Original Hole 2-28; On-Off Tool; 3.12; 2.313; 7,612; 1.85 7,613.5 -2-29; Packer; 4.61; 2.360; 7.613; 6.50 7,619 6 11,034.0 11,036.0 2-30; Tubing; 2 7/8; 2.441; 7,620; 6.53 4/18/2015 6.0 12 Bone Spring, Original Hole 7,628 3 2-31; XN - Nipple; 3.28; 2.205; 7,626; 1.73 7,628 3 -2-32; Tubing; 2 7/8; 2.441; 7,628; 4.53 4/18/2015 11,104.0 11,106.0 6.0 12 Bone Spring, Original Hole 7,632.5 2-33; Wireline Guide; 3.70; 2.447; 7,633; 0.75 7,633.5 7.858 9 4/18/2015 11,174.0 11,176.0 6.0 12 Bone Spring, Original Hole 4-4; Marker Joint; 5 1/2; 4.906; 7,859; 9.98 7.868.7 4/18/2015 11,244.0 11,246.0 6.0 12 Bone Spring, Original Hole 4-5; Casing Joint; 5 1/2; 4.906; 7,869; 7,638.20 - 4-6: Pup: 5 1/2: 4.906: 15.507: 9.10 15,518. 4/18/2015 11,314.0 11,316.0 6.0 12 Bone Spring, Original Hole 4-7; RSI; 5 1/2; 4.906; 15,516; 5.59 15,521.7 4-8; Pup; 5 1/2; 4.906; 15,522; 9.11 15,530 8 4-9; Casing Joint; 5 1/2; 4.906; 15,531; 40.81 4/18/2015 11,384.0 11,386.0 6.0 12 Bone Spring, Original Hole 15,571 8 1-10; Landing Collar; 5 1/2; 4.906; 15,572; 1.55 15,573 2 4-11; Casing Joint; 5 1/2; 4.906; 15,573; 40.34 15 613 5 4/18/2015 11,454.0 11,456.0 6.0 12 Bone Spring, Original Hole -4-12; Float Collar; 5 1/2; 4.906; 15,614; 2.05 4-13; Casing Joint; 5 1/2; 4.906; 15,616; 82.56 4-14; Float Shoe; 5 1/2; 4,906; 15,698; 1,80 Page 2/5 Report Printed: 6/24/2015



Well Name
SKEEN 22-26-26 FED 007H
Skeen 22-26-26 Fed
Delaware River

Land - Original Hole 6/24/2015 9:33:50 AM
Perforations: West 8/27/20, 2/29 and 3/29 and

	, Land - Original Hole, 6/24/2015 9:33:50 AM	Perforations ₀	200万吨位3	在。学学到机	E CHANG		COMMUNICATION OF THE PROPERTY OF THE
MD (ftKB)	Vertical schematic (actual)	ACTUAL SALES			Shot No.	Entered Shot	Zone & Completion
-7.5	3-1; Hanger; 9 5/8; 8.750; -7; 0.80	4/18/2015	11,524.0	11,526.0	(spots/ft); 6.0	Total 图像 12	
49.	3-2; Landing Joint; 9 5/8; 8,750; -7; 38,37. 4-1; Landing Joint; 5 1/2; 4,906; -5; 37,27						
31.2		4/18/2015	11,594.0	11,596.0	6.0	12	Bone Spring, Original Hole
31.5		4/18/2015	11,664.0	11,666.0	6.0	· 12	Bone Spring, Original Hole
34,1			<u> </u>				
35.1	2-2: Pup Joint; 13 3/8; 12.715; 34; 5.33	4/18/2015	11,734.0	11,736.0	6.0	12	Bone Spring, Original Hole
39.7	型	4/18/2015	11,804.0	11,806.0	6.0	12	Bone Spring, Original Hole
67.6	22; Tubing Pup Joint; 27/8; 2.441; 64: 4:00	4/18/2015	11,874.0	11.876.0	6.0	40	Bone Spring, Original Hole
. 75.5 85.6	2-4; Tubing Pup Joint; 2 7/8; 2.441; 76; 10.00	4/10/2013	11,874.0	11,070.0	0.0	12	Bone Spring, Original Hole
. 1289 1391	2-3; Casing Joint; 13 3/8; 12.715; 40; 319.95	4/18/2015	11,944.0	11,946.0	6.0	12	Bone Spring, Original Hole
359.6	2.4; Float Collar, 13 3/8; 12,715; 360; 1,34	4/18/2015	12,014.0	12,016.0	6.0	12	Bone Spring, Original Hole
4344	2-5; Casing Joint; 13 3/8; 12.715; 361; 73.56		ļ				
. 4459	2-5; Tubing; 2.7/8; 2.441; 86, 1,502.00 3-4; Casing Joint; 9.5/8; 8.750; 36; 1,853.98	4/18/2015	12,084.0	12,086.0	6.0	12	Bone Spring, Original Hole
1,587 6 1,591.9	2-6; Gas Lift Mandrel #11; 4.28; 1.995; 1,588; 4.10	4/18/2015	12,154.0	12,156.0	6.0	12	Bone Spring, Original Hole
, 1,899 9 1,924 5	2-7; Tubing; 2 7/8; 2.441; 1,592; 620.90 3-5; DV TOOL; 9 5/8; 8.750; 1,900; 24.75	4/18/2015	. 40.004.0	10,000.0		40	Dono Chring Original Unit
22126	2-8; Gas Lift Mandrel #10, 4.28, 1.995, 2.213, 4.10	4/18/2015	12,224.0	12,226,0	6.0	12	Bone Spring, Original Hole
2,218 9 2,804 8	2.9; Tubing: 27/8; 2.441; 2.217; 588.18	4/18/2015	12,294.0	12,296.0	6.0	12	Bone Spring, Original Hole
2,809 1 3,397 0	2-11; Tubing; 27/8; 2.441; 2,809; 588.03	4/18/2015	12.364.0	12,366.0	6.0	12	Bone Spring, Original Hole
3,401.2	2-12. Gas Lift Mandriel 89; 4.26, 1,995; 3,397; 4.10 2-12. Tubing 12.76; 2.441; 3.401; 586.60 4-31. Casting Joint 5.12; 4.906; 38, 7803.137		12,00	·2,000/0			Jone opining, original risks
3,993 8	2.14; Gas Lift Mandrel #7; 4.28; 1.995; 3.990; 4.10 2.15; Tubig; 2.79; 2.44; 3.99; 685; 4.977.74 3.6; Casing Joint; 9.59; 8.750; 1.925; 4.977.74	4/17/2015	12,434.0	12,436.0	6.0	12	Bone Spring, Original Hole
4,582.3 4,585.3	2-16, Gas Lift Mandrel 85, 4.28, 1.995, 4.582, 4.10	4/17/2015	12,504.0	12,506.0	6.0	12	Bone Spring, Original Hole
5,207.0 5,211.3	2-18; Gas Lift Mandrel #5; 4.28; 1.995; 5,207; 4.10	14710045	10.574.0	40.570.0	- 0.0	- 10	
. 5,799.2 . 5,603.1	2-19. Tubing, 27/62, 4411, 52/11, 597/91 2-20. Gas Lift Mandrel #4, 4,28, 1,995, 5,799, 4,10	4/17/2015	12,574.0	12,576.0	6.0	12	Bone Spring, Original Hole
5,3914	2-21; Tubing; 2 7/8, 2.441; 5,803; 588.34	4/17/2015	12,644.0	12,646.0	6.0	12	Bone Spring, Original Hole
6,395.7 6,702.1	2-2-23; Tubing: 2 7/8; 2.441; 6,396; 586.27	4/17/2015	12,714.0	12,716.0	6.0	12	Bone Spring, Original Hole
. 6,777.9 . 6,902.6			,				
6,903 5 - 6,976 4	3-7: Float Collar; 9 5/8; 8,750; 6,902; 1.18	4/17/2015	12,784.0	12,786.0	6.0	12	Bone Spring, Original Hole
6,978.0	3.9, Float Shoe; 9 5/8, 8.750, 6.976, 1.62	4/17/2015	12,854.0	12,856.0	6.0	. 12	Bone Spring, Original Hole
6,982.0 6,985.9	2.24; Gas Lift Mandrel #2; 4.28; 1.995; 6,982; 4.10	4/47/0045	10.004.0			10	D. C.
. 6,995 1 - 7,512.1	2-25; Tubing: 2 7/8, 2.441; 6,986; 588.70	4/17/2015	12,924.0	12,926.0	6.0	IZ.	Bone Spring, Original Hole
7,574 & 7,578 7	2.28. Gas Lift Mandrel #1; 4.28; 1.995, 7.675; 4.10	4/17/2015	12,994.0	12,996.0	6.0	12	Bone Spring, Original Hole
7.611.5 7.613.5	2-27 (ubing: 276, 2.44 ; 7,379; 32.69	4/17/2015	13,064.0	13,066.0	6.0	12	Bone Spring, Original Hole
- 7,619 a	2-28, On-Off Tool; 3.12, 2.313, 7.612, 1.85 2-29, Packer; 4.61; 2.360; 7.613; 6.50 2-30, Tubing; 2.78; 2.441; 7.620, 6.53 2-31, YM, Pales; 3.78; 2.78; 7.73			,			
7.626 3 7.628 3	2-32' Tubing: 2 7/8: 2 441' 7 628: 4 53	4/17/2015	13,134.0	13,136.0	6.0	12	Bone Spring, Original Hole
7,632.5 7,633.5	2-33; Wireline Guide; 3.70; 2.447; 7,633; 0.75	4/17/2015	13,204.0	13,206.0	6.0	12	Bone Spring, Original Hole
7,858.9 7,868.8	4-4: Marker Joint; 5 1/2; 4,906; 7,859; 9,98	4/17/2015	13,274.0	13,276.0	6.0	12	Bone Spring, Original Hole
8.2139		-17/2013	13,274.0	13,270.0	0.0	12	Done Spring, Ongilial Hole
6,690.0 15,507.2	4-5; Casing Joint; 5 1/2; 4:906; 7,868; 7,638,20	4/17/2015	13,344.0	13,346.0	6.0	12	Bone Spring, Original Hole
15,516,1	4-7; RSI; 5 1/2; 4.906; 15,516; 5.59	4/17/2015	13.414.0	13,416.0	6.0	12	Bone Spring, Original Hole
. 15,530 a	4-8; Pup; 5 1/2; 4.906; 15,522; 9.11 4-9; Casing Joint; 5 1/2; 4.906; 15,531; 40.81			}			. 5. 5
15,571 8	4-10; Landing Collar; 5 1/2; 4.906; 15,572; 1.55 4-11; Casing Joint; 5 1/2; 4.906; 15,573; 40.34	4/17/2015	13,484.0	13,486.0	6.0	12	Bone Spring, Original Hole
15.613.5 - 15.615.5	4-12; Float Collar; 5 1/2; 4.906; 15,614; 2.05	4/17/2015	13,554.0	13,556.0	6.0	12	Bone Spring, Original Hole
15,698 2 15,700.1	4-13; Casing Joint; 5 1/2; 4.906; 15,616; 82,56 4-14; Float Shoe; 5 1/2; 4.906; 15,698; 1,80	<u> </u>			<u> </u>		
L		L Page	3/5				Report Printed: 6/24/2015
<u> </u>					 -	-	



No.		7	gingli blate SIGMIONE 0:23:50 AM	Dorforations	100 1 10 10 10 10 10 10 10 10 10 10 10 1	TOP A 4 ST TE F	Credit of Carrel	141 168 P . VS	12 1 27 5 17 17 27 17
The company of the	MD I	Land - Ori	ginal Hole, 6/24/2015 9:33:30 AM		de santa		/		
### 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Vertical schematic (actual)	1	1. Can	L. Baker	Dens	Entered Shot	
### 17/2015 13,694.0 13,696.0 6.0 12 Bone Spring, Original Hole ### 17/2015 13,764.0 13,765.0 6.0 12 Bone Spring, Original Hole ### 17/2015 13,764.0 13,765.0 6.0 12 Bone Spring, Original Hole ### 17/2015 13,764.0 13,765.0 6.0 12 Bone Spring, Original Hole ### 17/2015 13,966.0 13,866.0 6.0 12 Bone Spring, Original Hole ### 17/2015 13,966.0 13,866.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,960.0 14,046.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,960.0 14,046.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 14,360.0 6.0 12 Bone Spring, Original Hole ### 17/2015 14,360.0 14,360.0 6.0 1	.7.5	10 2	3-1: Hanger: 9-5/8: 8-750: -7: 0.80						
### ### ### ### ### ### ### ### ### ##	1 1		· · · · · · · · · · · · · · · · · · ·	1 7/1//2015	15,024.0	10,020.0	0.0	12	Bone opinig, Original Hole
1. Surprise History School 1978 1. Control of the State	l T			4/17/2015	13.694.0	13.696.0	6.0	12	Bone Spring, Original Hole
13,964 13,866 16 12 15 15 15 15 15 15 15	31.2				10,00		0.0		Lastic Spring, Strigman total
10 10 10 10 10 10 10 10	1 1			4/17/2015	13,764.0	13,766.0	6.0	12	Bone Spring, Original Hole
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	1 1		2-1; Casing Joint; 13 3/8; 12.715; 31; 3.25			,		;_	3, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
A	1 1			4/16/2015	13,836.0	13,838.0	6.0	12	Bone Spring, Original Hole
16 16 16 16 16 16 16 16	374 .		2-2; Pup Joint; 13 3/8; 12.715; 34; 5.33		·		*		', -
### ### ### ### ### ### ### ### ### ##	1		#: 900 000 000 000 000 000 000 000 000 00	4/16/2015	13,906.0	13,908.0	6.0	12	Bone Spring, Original Hole
1.5 1.5	1 1		2-2; Tubing Pup Joint; 2 7/6; 2.441; 64; 4.00						·
### 100	. 75.5 .		2-4; Tubing Pup Joint; 2 7/8; 2.441; 76; 10.00	4/16/2015	13,976.0	13,978.0	6.0	12	Bone Spring, Original Hole
## 13/2015 14,140 14,160 6 0 12 Bone Spring, Original Hole ## 13/2015 14,140 14,160 6 0 12 Bone Spring, Original Hole ## 13/2015 14,140 14,160 6 0 12 Bone Spring, Original Hole ## 13/2015 14,160 14,160 6 0 12 Bone Spring, Original Hole ## 13/2015 14,160 14,160 6 0 12 Bone Spring, Original Hole ## 13/2015 14,160 14,160 6 0 12 Bone Spring, Original Hole ## 13/2015 14,160 14,160 6 0 12 Bone Spring, Original Hole ## 13/2015 14,160 14,160 6 0 12 Bone Spring, Original Hole ## 13/2015 14,160 14,160 6 0 12 Bone Spring, Original Hole ## 13/2015 14,160 14,160 14,160 6 0 12 Bone Spring, Original Hole ## 13/2015 14,160 14,160 14,160 6 0 12 Bone Spring, Original Hole ## 13/2015 14,160 1			源 3月 (1						
### 1			22 0 0 1 1 2 2 7 1 5 1 0 2 1 0 5 5	4/16/2015	14,046.0	14,048.0	6.0	12	Bone Spring, Original Hole
### 1	359 6		1861 VALANA	1/10/0015		1.1100			
### 16 A 1				4/16/2015	14,114.0	14,116.0	6.0	12	Bone Spring, Original Hole
### 10 1 1 2 2 3 3 4 4 5 5 5 5 5 5 5 5			2-6; Float Shoe; 13 3/8; 12.715; 434; 1.56	4/16/2015	14 104 0	14 196 0	6.0	10	Pone Spring Original Hole
### 1200 14,254.0 14,256.0 6.0 12 Bone Spring, Original Hole ### 1200 15 16,000 16,0				4/ 10/2015	14, 104.0	14,100.0	0.0	12	Bone Spring, Original Hole
## 16/2015 14,324.0 14,326.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,324.0 14,326.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,324.0 14,326.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,324.0 14,326.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,324.0 14,326.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,424.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,424.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,424.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,424.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,424.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,424.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,424.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,424.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,424.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,426.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,426.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,426.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,426.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,426.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,426.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,426.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,426.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,426.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,426.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,426.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 14,426.0 14,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 15,426.0 15,426.0 6.0 12 Bone Spring, Original Hole ## 16/2015 15,426.0			2.6: Gas Lift Mandrel #11: 4 28: 1 905: 1 588: 4 10	4/16/2015	14 254 0	14 256 0	80	12	Bone Spring, Original Hole
## 16/2015 14,324 0 14,326 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,334 0 14,335 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,334 0 14,335 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,334 0 14,355 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,644 0 14,465 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,654 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,645 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,654 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 14,655 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 15,055 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 15,055 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 15,055 0 6 0 12 Bone Spring, Original Hole ## 16/2015 14,655 0 15,055 0 6 0 12 Bone Spring, Original Hole ## 16/2015 15,055 0 15,055 0 6 0 12 Bone Spring, Original Hole ## 16/2015 15,055 0 15,055 0 15,055 0 15,055 0 12 Bone Spring, Original Hole ## 16/2015 15,055 0 15,055 0 15,055 0 15,055 0 15,055 0 15,055 0 1				1 10/2010	17,207.0	17,200.0	0.0		Dens opining, Original Flore
### 1/2015 14,394.0 14,395.0 6.0 12 Bone Spring, Original Hole #### 1/2015 14,394.0 14,395.0 6.0 12 Bone Spring, Original Hole ##### 1/2015 14,494.0 14,495.0 6.0 12 Bone Spring, Original Hole ####################################	i I			4/16/2015	14,324.0	14,326.0	6.0	12	Bone Spring, Original Hole
16 16 16 16 16 16 16 16	2,2128 -		2-8; Gas Lift Mandrel #10; 4,28; 1,995; 2,213; 4,10		,	,	[, 5, 2 3 3 1 1
1	11 .		2-9; Tubing; 2 7/8; 2.441; 2,217; 588.18	4/16/2015	14,394.0	14,395.0	6.0	. 12	Bone Spring, Original Hole
4/16/2015 14,464.0 14,666.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,466.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,667.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,676.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,676.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,467.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,467.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,467.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,467.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,467.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,467.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,467.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,678.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,888.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,888.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,888.0 14,888.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Origin			2-10; Gas Lift Mandrel #9; 4,28; 1,995; 2,605; 4,10			,			
### 150	3,397.0		2-11; Tubing; 2 7/8; 2,441; 2,809; 588,U3	4/16/2015	14,464.0	14,466.0	6.0	12	Bone Spring, Original Hole
44 16 12 15 14 15 15 15 15 15 15	[]		2-13; Tubing; 2 7/8; 2.441; 3, 401; 588.60			·			
4/16/2015 14,604.0 14,606.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,676.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,676.0 14,678.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,954.0 14,956.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,038.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,038.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,038.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,038.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,038.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,336.0 15,338.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,336.0 15,338.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,336.0 15,338.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,336.0 15,338.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,336.0 15,338.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,336.0 15,338.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole	11		2-14: Gas Lift Mandrel #7: 4.28: 1.995: 3.990: 4.10	4/16/2015	14,534.0	14,536.0	6.0	12	Bone Spring, Original Hole
### ### ### ### ### ### ### ### ### ##	4.582.3		3-6; Casing Joint; 9 5/8; 8.750; 1,925; 4,977.74						
## 1	и.		2-17: Tubing: 2 7/8: 2.441: 4.586: 620.69	4/16/2015	14,604.0	14,606.0	6.0	12	Bone Spring, Original Hole
1			2-18; Gas Lift Mandrel #5; 4.28; 1.995; 5,207; 4.10	4/40/0045	44.070.0	44.070.0	0.0		00
4/16/2015 14,746.0 14,748.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,956.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,036.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,036.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,038.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,038.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,378.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,378.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,378.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,378.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,466.0 15,486.0 15,486.0 12 Bone Spring, Original Hole 4/14/2015 15,466.0 15,486.0 15,486.0 12 Bone Spring, Original Hole 4/14/2015 15,466.0 15,486.0 15,486.0 12 Bone Spring, Original Hole 4/14/2015 15,466.0 15,486.0 15,486.0 12 Bone Spring, Original Hole 4/14/2015 15,466.0 15,486.0 15,486.0 12 Bone Spring, Original Hole 4/14/2015 15,466.0 15,486.0 15,486.0 12 Bone Spring, Original Hole 4/14/2015 15,466.0 15,486.0 15,486.0 12 Bone Spring, Original Hole 4/14/2015 15,466.0 15,486.0 15,486.0	15,799.2		82 19; Tubing; 2 7/8; 2.441; 5,211; 587.91	4/16/2015	14,676.0	14,678.0	6.0	12	Bone Spring, Original Hole
2.2. Cash In Manner Bit 2.20. 1996, 6.302, 410 2.2. Tulong 2.70, 2.441 6,398, 560. 27 4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,886.0 14,888.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,954.0 14,956.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,954.0 14,956.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,038.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,038.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,038.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,164.0 15,166.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,338.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,338.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,338.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,336.0 15,338.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,336.0 15,338.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,336.0 15,338.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,346.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,346.0 15,348.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,346.0 15,348.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,446.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,446.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,446.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,446.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,446.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,446.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,446.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,446.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,446.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,446.0 15,446.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,4			INDICE.	4/16/2015	14 746 0	14 749 0	60	10	Pono Spring Original Holo
4/16/2015 14,816.0 14,818.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,886.0 14,888.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,866.0 14,888.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,956.0 6.0 12 Bone Spring, Original Hole 4/16/2015 14,956.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 14,956.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,036.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,036.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,036.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,036.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,036.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,036.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,036.0 15,036.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,036.0 15,038.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,378.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,378.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,346.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0	1		2-22; Gas Lift Mandrel #3; 4.28; 1.995; 6,392; 4.10	4/10/20/13	14,740.0	14,746.0	0.0	12	Bone Spring, Original Hole
### 16/2015	11 4		2-23; Tubing; 2 7/8; 2.441; 6,396; 586,27	4/16/2015	14 816 0	14 818 0	6.0	12	Bone Spring Original Hole
### 1/6/2015					. 1,010.0	1 1,0 10.0	0.0	'-	barra apring, anginar riola
3-8, Casing Joint 9 508, 1706, 690, 1729 3-9, Float Shore, 9 508, 1706, 1806, 1806, 1806, 1806 3-101			[編集2].	4/16/2015	14.886.0	14.888.0	6.0	12	Bone Spring, Original Hole
4/16/2015 14,956.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,094.0 15,096.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,164.0 15,166.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,164.0 15,166.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,366.0 15,366.0 6.0 12 Bone Spring, Original Hole 4/16/2015 15,366.0 15,366.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,366.0 15,366.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,378.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,378.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,378.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,378.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,486.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,378.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,486.0 15,486.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,376.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.0 12 Bone Spring, Original Hole 4/14/2015 15,446.0 15,448.0 6.			13914.		,	,			3, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
224, Gas Lift Mandrel 81, 428, 1985, 6382, 410 225, Tubing, 278, 2441; 6,886,588,70 226, Gas Lift Mandrel 81, 428, 1985, 7375, 410 226, Gas Lift Mandrel 81, 428, 1985, 7375, 410 227, Tubing, 278, 2441; 6,886,588,70 228, Good To Express of Size 2, 248, 175,912, 248 229, Flocker, 481, 2360, 7613, 650 229, Flocker, 481, 2360, 7613, 650 220, Tubing, 278, 2441; 7628, 435 220, Tubing, 278, 2441;			3-9 Float Snoe, 9 5/6, 8,750, 6,976, 1,62	4/16/2015	14,954.0	14,956.0	6.0	12	Bone Spring, Original Hole
4/16/2015 15,024.0 15,026.0 6.0 12 Bone Spring, Original Hole 2.25, Tubing, 27/8, 2441, 5866, 5887.0 4/16/2015 15,024.0 15,096.0 6.0 12 Bone Spring, Original Hole 2.27, Tubing, 27/8, 2441, 7659, 269 2.28, Packer, 461, 2360, 7613, 630 2.29, Packer, 461, 2360, 7613, 630 2.29, Packer, 461, 2360, 7613, 630 2.29, Packer, 461, 7620, 453 2.20, Tubing, 27/8, 2441, 7620, 653 2.2			源は、 2-24; Gas Lift Mandrel #2; 4.28; 1.995; 6,982; 4.10						
2013	! I		2051711111111111111111111111111111111111	4/16/2015	15,024.0	15,026.0	6.0	12	Bone Spring, Original Hole
228. Gas Lift Mandrel #1, 4.28, 1996, 7.575, 4.10 2.77, 1998 2.78, 24, 17, 175, 2.10 2.78, 24, 17, 175, 2.10 2.78, 24, 17, 175, 2.10 2.78, 24, 17, 175, 2.10 2.78, 24, 17, 175, 2.10 2.78, 24, 17, 175, 25, 175 2.78, 24, 17, 175, 25, 175 2.78, 24, 17, 175, 25, 175 2.78, 24, 17, 175, 25, 175 2.78, 24, 17, 175, 25, 175 2.78, 24, 17, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 175, 25, 175 2.78, 24, 25, 25, 25, 25, 25, 25, 25, 25, 25, 25			2-25; Luning; 2 //8; 2,441; 5,986; 588./U	<u> </u>					
228, On-Oir Teol 312, 2313, 7,612, 185 229, Peeker, 451; 2305, 7,612, 185 229, Peeker, 451; 2305, 7,613, 630 231, NN - Nople, 232e, 2305, 7,620, 653 233, NN - Nople, 232e, 2305, 7,620, 653 233, NN - Nople, 232e, 2305, 7,620, 653 232; Chilong, 27/6, 2441, 7,620, 653 233, Wretine Guide, 3,70; 2447, 7,630, 075 2348 2349 2349 2349 2349 2349 2349 2349 2349			位 2-26; Gas Lift Mandrel #1; 4.28; 1.995; 7.575; 4.10	4/16/2015	15,094.0	15,096.0	6.0	· 12	Bone Spring, Original Hole
2-29 Packer, 461; 2:360, 7:613, 6:50 2-23, Tubing; 278; 2:441; 7:628, 6:53 2-23, Tubing; 278; 2:441; 7:628, 6:33 2-23, Tubing; 278; 241; 7:628, 6:33 2-23, Tubing; 278; 248; 248; 248; 248; 248; 248; 248; 24	11		2-28: On-Off Tool: 3.12: 2.313: 7.612: 1.85	4/16/2015	15 1010	15 100 0			Rose Series Original Living
7418	11		2-29: Packer: 4.61: 2.360: 7.613: 6.50	4/16/2015	15,164.0	15,166.0	6.0	12	Bone Spring, Original Hole
2.31; NN. Nepple; 3.28; 2.205; 7.656; 1.73 2.23; Wireline Guide; 3.70; 2.447; 7.633; 0.75 2.33; Wireline Guide; 3.70; 2.447; 7.633; 0.75 2.33; Wireline Guide; 3.70; 2.447; 7.633; 0.75 2.33; Wireline Guide; 3.70; 2.447; 7.633; 0.75 2.34; Marker Joint; 5 1/2; 4.906; 7.859; 9.98 4.44; Marker Joint; 5 1/2; 4.906; 7.859; 7.598 20 4.5; Casing Joint; 5 1/2; 4.906; 7.859; 7.598 20 4.5; Casing Joint; 5 1/2; 4.906; 15.507; 9.10 4.7; RSI; 5 1/2; 4.906; 15.573; 40.34 4.10; Landing Coller; 5 1/2; 4.906; 15.573; 40.34 4.12; Float Collar; 5 1/2; 4.906; 15.573; 40.34 4.12; Float Collar; 5 1/2; 4.906; 15.616; 8.25 4.14; Float Shore; 5 1/2; 4.906; 15.616; 8.25	11		2-30; Tubing; 27/8; 2.441; 7,620; 6.53	4/14/2015	15 236 0	15 238 0	60	10	Rone Spring, Original Hole
7,5223 7,58333 7,58333 7,58333 7,58333 7,58333 7,58333 7,58333 7,58333 7,58333 7,58333 7,58333 7,58333 7,58	i I		2-31; AN - Nipple; 3.28; 2.205; 7,626; 1.73	1 14/2013	10,230.0	10,230.0	0.0	12	Bone Spring, Original Hole
78838 78838 78838 78838 78839				4/14/2015	15 306 0	15 308 O	60	12	Bone Spring, Original Hole
4-5; Casing Joint; 5 1/2; 4:906; 7,869; 7,638:20 4-5; Casing Joint; 5 1/2; 4:906; 7,869; 7,638:20 4-6; Pup; 5 1/2; 4:906; 15,516; 5.59 4-7; RSI; 5 1/2; 4:906; 15,516; 5.59 4-8; Pup; 5 1/2; 4:906; 15,516; 5.59 4-9; Casing Joint; 5 1/2; 4:906; 15,531; 4:0.81 4-9; Casing Joint; 5 1/2; 4:906; 15,531; 4:0.81 4-10; Landing Coller; 5 1/2; 4:906; 15,573; 4:0.34 4-11; Casing Joint; 5 1/2; 4:906; 15,573; 4:0.34 4-12; Float Collar; 5 1/2; 4:906; 15,616; 22.56 4-14; Float Sine; 5 1/2; 4:906; 15,681; 1:80				,2515	. 5,555.0	10,000.0	5.5	12	Some opining, Original Flore
4-5; Casing Joint; 5 1/2; 4:906; 7,869; 7,638:20 4-5; Casing Joint; 5 1/2; 4:906; 7,869; 7,638:20 4-6; Pup; 5 1/2; 4:906; 15,516; 5.59 4-7; RSI; 5 1/2; 4:906; 15,516; 5.59 4-8; Pup; 5 1/2; 4:906; 15,516; 5.59 4-9; Casing Joint; 5 1/2; 4:906; 15,531; 4:0.81 4-9; Casing Joint; 5 1/2; 4:906; 15,531; 4:0.81 4-10; Landing Coller; 5 1/2; 4:906; 15,573; 4:0.34 4-11; Casing Joint; 5 1/2; 4:906; 15,573; 4:0.34 4-12; Float Collar; 5 1/2; 4:906; 15,616; 22.56 4-14; Float Sine; 5 1/2; 4:906; 15,681; 1:80			1881 4-4; Marker Joint; 5 1/2; 4.906; 7,859; 9.98	4/14/2015	15,376.0	15,378.0	6.0	12	Bone Spring, Original Hole
4-5; Casing Joint; 5 1/2; 4-906; 7,869 7,869 20 4-6; Pup; 5 1/2; 4-906; 15,507; 9.10 4-7; RSI; 5 1/2; 4-906; 15,502; 9.11 4-7; RSI; 5 1/2; 4-906; 15,502; 9.11 4-9; Casing Joint; 5 1/2; 4-906; 15,502; 9.11 4-9; Casing Joint; 5 1/2; 4-906; 15,502; 9.11 4-10; Landing Collar; 5 1/2; 4-906; 15,502; 0.55 4-11; Casing Joint; 5 1/2; 4-906; 15,502; 0.55 4-11; Casing Joint; 5 1/2; 4-906; 15,502; 0.55 4-11; Casing Joint; 5 1/2; 4-906; 15,502; 0.55 4-13; Casing Joint; 5 1/2; 4-906; 15,502; 0.55 4-13; Casing Joint; 5 1/2; 4-906; 15,502; 0.55 4-13; Casing Joint; 5 1/2; 4-906; 15,508; 1.80 4/14; Float Shee; 5 1/2; 4-906; 15,508; 1.80	8.213.9				,	'			
4-5; Pup; 5 1/2; 4:906; 15,507; 9:10 4-7; RSI; 5 1/2; 4:906; 15,516; 5:59 4-6; Pup; 5 1/2; 4:906; 15,516; 5:59 4-6; Pup; 5 1/2; 4:906; 15,516; 5:59 4-6; Pup; 5 1/2; 4:906; 15,531; 4:0.81 4-9; Casing Join; 5 1/2; 4:906; 15,531; 4:0.81 4-10; Landing Coller, 5 1/2; 4:906; 15,573; 4:0.34 4-11; Casing Join; 5 1/2; 4:906; 15,573; 4:0.34 4-12; Float Collar; 5 1/2; 4:906; 15,614; 2:05 4-13; Casing Join; 5 1/2; 4:906; 15,618; 1:80 Other Strings Run Date Pull Date Set Depth (ftKB) Com Run Date Pull Date Set Depth (ftKB)	1	Fits \$5.71 (A)		4/14/2015	15,446.0	15,448.0	6.0	12	Bone Spring, Original Hole
4-7; Rsj; 5 1/2; 4996; 15,518; 5.59 4-8; Puj; 5 1/2; 4996; 15,512; 4308; 15,512; 4308; 15,512; 4308; 15,512; 4308; 15,512; 4308; 15,512; 4308; 15,512; 4308; 15,512; 4308; 15,512; 4308; 15,512; 4308; 15,512; 4308; 15,513; 40,34 4-10; Landing Coller, 5 1/2; 4,906; 15,573; 40,34 4-11; Casing Join; 5 1/2; 4,906; 15,614; 2.05 4-12; Float Collar; 5 1/2; 4,906; 15,614; 2.05 4-14; Float Shee; 5 1/2; 4,906; 15,618; 62,56 4-14; Float Shee; 5 1/2; 4,906; 15,618; 1,800					·				
## 4-9: Casing Joint, 5 1/2; 4,906, 15,531; 40,81 15,5712	1 1	<u>.</u>		Other Strings		4			,
4-10; Landing Collar, 5 1/2; 4.906; 15,572; 1.55 4-11; Casing Joint, 5 1/2; 4.906; 15,573; 40.34 4-12; Float Collar, 5 1/2; 4.906; 15,614; 2.05 4-13; Casing Joint, 5 1/2; 4.906; 15,614; 2.05 4-13; Casing Joint, 5 1/2; 4.906; 15,614; 2.05 4-14; Float Shoe; 5 1/2; 4.906; 15,858; 1.80			la contra de la contra dela contra de la contra del la contra del la contra del la contra de la contra del la contra de la contra de la contra del la con	Run Date //	. Pull Da	te 🐧 Set	Depth (ftKB)	Com
15.613.5 4-11; Gasing Join; 5 1/2; 4.906; 15,573; 40.34 15.619.5 4-12; Float Collar; 5 1/2; 4.906; 15,614; 2.05 15.688.2 4-13; Casing Join; 5 1/2; 4.906; 15,616; 82.56 13.7001 4-14; Float Shoe; 5 1/2; 4.906; 15,688; 1.80	1		4-10; Landing Collar; 5 1/2; 4.906; 15,572; 1.55]				
15,615 4-13; Casing Joint, 5 1/2; 4,906; 15,616; 62,56 4-14; Float Shoe; 5 1/2; 4,906; 15,658; 1,80	!! !		· -		,				,
15.6912 			the contraction of the contract of the contrac						
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		L	·	J <u>L</u>					
Page 4/5 Report Printed: 6/24/2015			·	Page	4/5		<u> </u>		Report Printed: 6/24/2015



Well Name
SKEEN 22-26-26 FED 007H

Lease
Skeen 22-26-26 Fed

Field Name
Delaware River

Business Unit
Mid-Continent

SKE	KEEN 22-26-26 FED 007H Skeen 22-2							Skeen 22-26-26 Fed	
		gin	inal Hole, 6/24/2015 9:33:51 AM						
MD								omati	o (netual)
(ftKB)	···		···		/ (:1	lcai	5011	eman	c (actual)
7.5 ·	TE	ľ			Ï			—3-1, i	langer; 9 5/8; 8.750; -7; 0.80
-49		ļ,		,i.	<u>L</u>			ا 3-2 يى	anding Joint; 9 5/8; 8.750; -7; 38.37 anding Joint; 5 1/2; 4.906; -5; 37.27
30 8 .		الما	owin giris	<u></u>					anding Joint; 5 1/2; 4.906; -5; 37.27
31.2		2	[護数]	6			K		
31.8		Ď		B					
32.5		激	[2]		ä		I	3-3: F	Casing Joint; 13 3/8; 12.715; 31; 3.25 Pup; 9 5/8; 8.750; 32; 4.18
381 .		E		V.	凝		Ĭ	— 4-2; I	Pup Joint/Hanger; 5 1/2; 4,905; 32; 5,20
37 4		4	(羅羅)				∦	—2-2: F	Pup Joint; 13 3/8; 12.715; 34; 5.33
397		(3)	開製	题		<u>. </u>	A.	-2-1:1	Tubing; 27/8; 2.441; 31; 32.66
63.6 67.8		以	8 2	間報	遊舞	-	4		Tubing Pup Joint; 2 7/8; 2.441; 64; 4.00
75.5			AST	17	83 20		╁		Tubing Pup Joint; 2 7/8; 2.441; 68; 8.00 Tubing Pup Joint; 2 7/8; 2.441; 76; 10.00
85,6		Ø		强	7		售		Casing Joint; 20; 18.250; 31; 108.00
128 9							L		
139 1	A311	X				۲		2-3;	Casing Joint; 13 3/8; 12.715; 40; 319.95
359 8 ·				18		۳	-		Float Collar; 13 3/8; 12.715; 360; 1.34
434 4				100			1		Casing Joint; 13 3/8; 12.715; 361; 73.56 Float Shoe; 13 3/8; 12.715; 434; 1.56
436,0		Ŕ				IE.			
445.9				图	μ	244	1	$\angle_{3.4}^{2.5}$	Tubing; 2 7/8; 2.441; 86; 1,502.00, Casing Joint; 9 5/8; 8.750; 36; 1,863.98
1,587.6		2		5.	٠	, .	_	2-6	Gas Lift Mandrel #11; 4.28; 1.995; 1,588; 4.10
1,899 9	. 🖟			8.		_		2-7;	Tubing; 2 7/8; 2.441; 1,592; 620,90 DV TOOL; 9 5/8; 8.750; 1,900; 24.75
1,924 5		1		ξ,	7			3-5;	DV TOOL; 9 5/8; 8.750; 1,900; 24.75
. 2,212.6	1 1		EN EN	Œ.	L.			2-8;	Gas Lift Mandrel #10; 4.28; 1.995; 2,213; 4.10
2,216.9	1 1	4	1. 10 10	ě.	H	·			Tubing; 2 7/8; 2.441; 2,217; 588.18
2,809 1				12.5	H				Gas Lift Mandrel #9; 4.28; 1.995; 2,805; 4.10
. 3,397 0				ŭ,					; Tubing; 2 7/8; 2.441; 2,809; 588.03 ; Gas Lift Mandrel #8; 4.28; 1.995; 3,397; 4.10
3 401.2	~~~\	1		죈		<u>~</u>	~	⊁ 2-î3	; Tubing; 2 7/8; 2.441; 3,401; 588.60 ~~~
3,989 6		77.0			F	H	=	2-14	Casing Joint; 5 1/2; 4.906; 38; 7,821.37 ; Gas Lift Mandrel #7; 4.28; 1.995; 3,990; 4.10
3,993 8 4,582.3		1	2 解配、	題則	H	_		3-6	; Tubing; 2 7/8; 2.441; 3,994; 588.50 Casing Joint; 9 5/8; 8.750; 1,925; 4,977.74
4,586 3			羅羅	N. d.		-			Gas Lift Mandrel #6; 4.28; 1.995; 4,582; 4.10
5,207.0		3	建	躃		Ŀ	-		; Tubing; 2 7/8; 2.441; 4,586; 620.69 ; Gas Lift Mandrel #5; 4.28; 1.995; 5,207; 4.10
5,2113		2		85		,			Tubing; 2 7/8; 2.441; 5,211; 587.91
5,799 2	1. 🛭 🕅	1	班船	经验	H		_	4 - 2 - 4	Gas Lift Mandrel #4; 4,28; 1,995; 5,799; 4.10
6,3914		114	13. 14	3 83	-			** **	Tubing; 27/8; 2.441; 5,803; 588.34
6,395.7				gr Ra	П			2-22	; Gas Lift Mandrel #3; 4.28; 1.995; 6,392; 4.10
8,702.1			K Mit	10.	Н	-		2-23	; Tubing; 27/8; 2.441; 6,396; 586.27
6,777.9		Į,							
6,903.5		6.3			H				Float Collar; 9 5/8; 8.750; 6,902; 1.18
6,976 4			5 6 3		۲	· ·			Casing Joint; 9 5/8; 8.750; 6,904; 72.79 Float Shoe; 9 5/8; 8.750; 6,976; 1.62
6,978.D		Ĵ	***		Z				Tion 310e, 3 30, 6.730, 0,976, 1.02
5,982.0		1.9		Dre		-	_	2-24	Gas Lift Mandrel #2; 4.28; 1.995; 6,982; 4.10
5,995 1		F.			ļ	٠.			
7,512.1		E.		107	٠.			2-25	Tubing; 27/8; 2.441; 6,986; 588.70
7,574 8	1	Ŷij.		閵	Ŀ			2-25	; Gas Lift Mandrel #1; 4.28; 1.995; 7,575; 4.10
7,578.7 7,611,5		[c			Ŀ			2-27	Tubing; 2 7/8; 2.441; 7,579; 32.69
7,613.5	.	r		183 E)	-	÷	•		; On-Off Tool; 3.12; 2.313; 7,612; 1.85
7,619 8		2		Ü	-	<u> </u>	_		Packer; 4.61; 2.350; 7,613; 6.50
7,626.3			1	E			_		; Tubing; 2 7/8; 2.441; 7,620; 6,53 ; XN - Nipple; 3,28; 2,205; 7,626; 1,73
7,628 3	1	影		E2					: Tubing; 2 7/8; 2.441; 7,628; 4.53
7.632.5 7.633.5	1	1	UE D		<u>'</u>	<u>. </u>		2-33	Wireline Guide; 3.70; 2.447; 7,633; 0.75
7.858 9	.[1		H				24	
7.868 8		E		劉	Г	_		4-4;	Marker Joint; 5 1/2; 4.906; 7,859; 9.98
8.213.9		認							
8,690 D] .	مهدر		F	<u>, </u>				Casing Joint; 5 1/2; 4,906; 7,869; 7,638 20
15.507 2 15.518.1	.]		l 1	H	_				Pup; 5 1/2; 4.906; 15,507; 9.10
16 521.7	1		,		<i>;</i> ·				RSI; 5 1/2; 4.906; 15,516; 5.59
15,530 8	[-	_			Pup; 5 1/2; 4,906; 15,522; 9,11 Casing Joint; 5 1/2; 4,906; 15,531; 40,81
15,571.8			•	L	_				; Landing Collar; 5 1/2; 4.906; 15,572; 1.55
15,573.2 15,613.5	1		i.	Ŀ				- //	; Casing Joint; 5 1/2; 4.906; 15,573; 40.34
- 15,613.5				H					; Float Collar; 5 1/2; 4.906; 15,614; 2.05
15,698 2	ľ					_	_		; Casing Joint; 5 1/2; 4.906; 15,616; 82.56 ; Float Shoe; 5 1/2; 4.906; 15,698; 1.80
15,700.1	1.	٠.	ļ. ,	r.				4-14	, riosi once; o 112; 4,905; 15,698; 1.80

Other in Hole	學。自身開發的基	et " laveltiete	TAXACHT TAR	Mar Contract Calcinomers	North Control of the
RE ZING Desix() No. 186	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	The Com Is and the
Packer	7,605.0		4/27/2014		Halliburton Versa Set 5 1/2" production packer w/ pump out plug pinned for 2000 psi. Pump out should be 3670 psi
Frac Plug (permanent)	9,321.0	9,323.0	4/20/2015	4/21/2015	Halliburton obsidian
Frac Plug (permanent)	9,601.0	9,603.0	4/19/2015	4/21/2015	Halliburton obsidian
Frac Plug (permanent)	9,881.0	9,883.0	4/19/2015	4/21/2015	Halliburton obsidian
Frac Plug (permanent)	10,161. 0	10,163. 0	4/19/2015	4/21/2015	Halliburton obsidian
Frac Plug (permanent)	10,441. 0	10,443. 0	4/19/2015	4/21/2015	Halliburton obsidian
Frac Plug (permanent)	10,721. 0	10,723.	4/19/2015	4/21/2015	Halliburton obsidian
Frac Plug (permanent)	11,001. 0	11,003. 0	4/18/2015	4/22/2015	Halliburton obsidian
Frac Plug (permanent)	11,281. 0	11,283. 0	4/18/2015	4/22/2015	Halliburton obsidian
Frac Plug (permanent)	11,561. 0	11,563. 0	4/18/2015	4/22/2015	Halliburton obsidian
Frac Plug (permanent)	11,841. 0	11,843. 0	4/18/2015	4/22/2015	Halliburton obsidian
Frac Plug (permanent)	12,119. 0	12,121. 0	4/18/2015	4/22/2015	Halliburton obsidian
Frac Plug (permanent)	12,401. 0	12,403. 0	4/18/2015	4/22/2015	Halliburton obsidian
Frac Plug (permanent)	12,681. 0	12,683. 0	4/17/2015	4/22/2015	Halliburton obsidian
Frac Plug (permanent)	12,956. 0	12,958. 0	4/17/2015	4/22/2015	Halliburton obsidian
Frac Plug (permanent)	13,230. . 0	13,232. 0	4/17/2015	4/22/2015	Halliburton obsidian
Frac Plug (permanent)	13,512. 0	13,514. 0	4/17/2015	4/22/2015	Halliburton obsidian
Frac Plug (permanent)	13,801. 0	13,803. . 0	4/17/2015	4/22/2015	Halliburton obsidian
Frac Plug (permanent)	14,072. 0	14,073. 0	4/16/2015	4/22/2015	Halliburton obsidian
Frac Plug (permanent)	14,361. 0	14,363. 0	4/16/2015	4/23/2015	Halliburton obsidian
Frac Plug (permanent)	14,641. . 0	14,643. 0	4/16/2015	4/23/2015	Halliburton obsidian
Frac Plug (permanent)	14,921. 0	14,923. 0	4/16/2015	4/23/2015	Halliburton obsidian
Frac Plug (permanent)	15,201. 0	15,203. 0	4/16/2015	4/23/2015	Halliburton obsidian
1.					

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Completion Complete Job Start Date: 4/9/2015

Job End Date: 5/4/2015

SKEEN 22-26-26 FED 007H Skeen 22-26-26 Fed Delaware River Mid-Continent Ground Elevation (ft) Current RKB Elevation Mud Line Elevation (ft) Water Depth (ft) 3.406.00 3.437.00 3.437.00. 1/28/2015

Report Start Date: 4/9/2015

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No Activity

Grade location. Plumb Intermediate and surface casing risers. Fill cellar w/ peat gravel then capped mouse hole, and cont to fill cellar and level gravel around wellhead

NOTE: INT CSG RISER PAINTED BLUE AND IS HIGHER OF THE TWO

WITNESSED CSG VALVES IN CELLAR IN OPEN POSTION PRIOR TO FILL

anchors set

checked for press on int csg, well on vacuum,

6.2 bbls to load, pressured up to 500 psi, charted for 30 mins, test good, chart in well file

watered location to keep dust down

well si, no operations

Report Start Date: 4/10/2015

"福州司等,但是各种学生的自己性的自己和自己的自己的自己的。"

TIF Safety meeting. Tenet #10 Always involve the right people in decisions that affect procedures and equipment. Discuss SWA, JSA, My space 360. Discuss hazards associated with R/U Frac stack. Pressure, Pinch points, moving traffic, over head lifts and the need for tag lines. Stressed good communication and the use of SWA by all team members.

R/U Frac stack. Install LMV, then flow bushing with 2 way check.

Pressure test LMV conneciton to 250 psi low and 9400 psi high. Test good bleed off and remove flow thru bushing and R/U remaining frac stack

Remove night cap and flow bushing w/ 2 way check. Continue R/U Frac stack and flow back equipment,

Fill and pressure test flow back iron and frac stack. Test to 600 psi low 5 minutes 9500 psi high 5 minutes.

R/U Cased hole solution for RSI opening.

Start testing lines. 670 psi low. Then pressure up to 8500 psi and pop off leaks at 8500 psi. Bleed off line. tighten up Pop off and pops off and 9200 psi. Bleed off line isolate pop off and pressure test line to 9500 psi.

Pressure up on casing to 3850 psi. Pressure bleeding off. Pressure back up to 3900 psi and pressure still not holding. Isolate casing with Hydraulic master valve. Line pressure continues bleeding off but casing pressure holding at 4000 psi. Line up and get chart on casing for 35 minutes. Holds good.

With hydraulic master closed closed pressure up to 8200 psi and pop previously set at 9200 psi popped off. Bleed off pressure and tightened up on Pop-off. Test line to 8500 psi. Holds good Equalize to casing pressure 4000 psi and open hydraulic master valve. Pressure up on casing to 8500 psi. Pressure holds good. In 41 minutes RSI opens and pressure bleeds off. Pressure rises on intermediate casing to 600 psi from the original 200 psi we started with.

Establish injectivity into formation.

5.2 bpm 4000 psi

6.4 bpm 4100 psi

8 bpm 4600 psi

10 bpm 5000 psi

12 bpm 5200 psi

15.3 bpm 6000 psi

Pumped for 100 total bbls. Final pressure 6400 psi at 15.3 bpm

Shut down ISIP 2580 psi

R/D Cased hole solution pump truck and secure well.

Report Start Date: 4/11/2015

Lay containment for 2 pump down tanks, 3 acid tanks, set 8 FW frac tanks, and cont r/u water transfer, filled 2 pump down tanks,

Well SI, No Ops

Report Start Date: 4/12/2015

1. 14 miles 11 14 19 14 19 14 14 15 15 14 14 18 18 18 18

No Activity

Observed pressures. Prod. Csg. 1700 psi

Intermediate Csg. 200 psi

Surface Csg. 800 psi.

MIRU Halliburton E Line turck, PWR Lubricator and Halliburton Pump down equipment for perforating stage#1. Install restraints on pump down lines.

OPS Suspended due to weather condition.

Pick up lubricator with weight bar and pressure test to to 300 psi low and 8000 psi. Then bleed off and lay down lubricator and crane

No activity

Report Start Date: 4/13/2015

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Completion Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

Well Name	Lease	Field Name	Business Unit
SKEEN 22-26-26 FED 007H	Skeen 22-26-26 Fed	Delaware River	Mid-Continent
Ground Elevation (ft) Original RKB (ft)	Current RKB Elevation		Mud Line Elevation (ft) Water Depth (ft)
3.406.00 3.437.00	3.437.00. 1/28/2015		

TIF Safety meeting. Tenet #Always ensure safety devices are in place and functioning. Discuss SWA, JSA, 0. Discuss hazards associated R/U E line equipment and pump down equipment for perforating stage#1. Pinch points, moving equipment, need for a spotter heavy lifts over head lifts, Stressed the need for good communication and stress the absolute need for radio silence when arming the guns and manditory radio silence during e line operations. Stressed the need for good hand placements during R/U operations. High wind conditions.

Complete rigging up pumping equipment.

Line up to flush pumps in open top tanks. After flushing Pressure test lines to 600 psi low and 9100 psi.

Get on well with guns, equalize well 1650 psi and attempt to go in hole with guns and 4.375" OD plug dummy. RIH for 32 and tagging up solid. Work wire several times to get tool string to go through. Unsuccessful. Bump up in lubricator, close crown to check rounds open crown and close hydraulic master valve. Bleed off pressure and lay down guns and plug dummy. marks noted on end of plug dummy.

Shut down due to weather. High wind

P/U 18' weight bar and 4.32" OD muleshoe, from top of lubricator to ground level measured 65.75' we were able to go in 49' before it took weight, indiacting that the obstruction is 1'~ below ground level. POOH secure well and lay down tools. Bottom of muleshoe marked like it is tagging up on something.

WO GR/JB.

SICP: 1650

MU 4.0" GR/JB and TIH to tag obstacle 1' below tog head. Attempt to work through hard spot w/ no success. POOH.

SICP: 1650

Take off 4.0" GR and TIH w/ 2.50" JB to 1' below tog head and tag obstruction. Attempt to work through w/ no success.

Attempt to bleed back fluid into test truck and bled back 1/4 bbl to "0" psi. Pump 1/4 bbl back into well and psi to 1650 psi. Cont' to pump in 2 bbls and bleed to "0" psi again in 1/4 bbl. POOH.

WO GE Lubricator to pull 5" Type H BPV.

Report Start Date: 4/14/2015

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Wait on GE wellhead tech.

Held JSA with GE, Fesco, TNT, Petro & EPS. Discussed job steps and hazards.

RU GE 7 1/16" 10K flange with lubricator and test to 3,000psi

Latch into BPV and equalize to well 1,600psi. Release BPV and POOH. Shut well in and bled pressure down to 0psi.

RD GE lubricator.

NU 7 1/16" 10K goat head and crown valve.

RU PWR BOP's and lubricator. Test goat head, crown vlave, BOP & lubricator to 9,500psi.

HSM & PJSM perforate stage 1 w/ HES, PWR, Fesco, Baker, TNT Discuss Scope of Job, ERP, SWA, TIF, Tenet #4 - We always...follow safe work practices and procedures, over-head loads, pinch points, 360 my-space, communication, traffic, arming guns.

SICP: 1700

MU 3 1/8"guns and 4.37" dummy plug for stage#1 perfs and equalize to WH.

Perf Stage #1: 3rd Bone Springs 15,448' - 15,236'

WHP: 1700 psi

Equalize lubricator, and open well

RIH, get on depth w/ CCL & Short Jt (7,859'-7,869') PD plug @ 15 bpm @ 4900 psi w/ LT 800# to 8200' and lost PD truck. PU to Short Joint and SD Repair pumps.

Page 2/17

Attempt to repair PD truck. Crows foot in pump broken. RDMO PD truck and replace. Prime and test.



Completion Complete Job Start Date: 4/9/2015 Job End Date: 5/4/2015

 Well Name
 Lease
 Field Name
 Business Unit

 SKEEN 22-26-26 FED 007H
 Skeen 22-26-26 Fed
 Delaware River
 Mid-Continent

 Ground Elevation (ft)
 Original RKB (ft)
 Current RKB Elevation
 Mud Line Elevation (ft)
 Water Depth (ft)

 3,406.00
 3,437.00
 3,437.00
 1/28/2015
 Water Depth (ft)

Com

Perf Stage #1: 1st Bone Springs 15,448' - 15,236'

WHP: 1700 psi

Cont' RIH, get on depth w/ CCL & Short Jt (8,918'-8,928') PD dummy plug @ 15 bpm @ 4900 psi w/ 750# tension.

Gun Assy: : 4.37" Dummy plug, 3 1/8" Guns @ 6 spf 60 degree phasing 21 gram Maxforce Charges.

Perf as Follows:

 15,446' - 15,448'
 6 spf
 12 shots
 21 gm
 60 degree phase

 15,376' - 15,378'
 6 spf
 12 shots
 21 gm
 60 degree phase

 15,306' - 15,308'
 6 spf
 12 shots
 21 gm
 60 degree phase

 15,236' - 15,238'
 6 spf
 12 shots
 21 gm
 60 degree phase

 21 gm
 60 degree phase
 21 gm
 60 degree phase

POOH logging 1st pass, All Shots Fired. 48 Total holes.

NOTE: While POOH w/ dummy plug and spent guns @ 13,420' pulled heavy to 2400 LT. SD and began pumping to increase rate to 6 bpm w/ LT @ 800# when guns began to move down hole for 10 bbls. SD pumps and Cont' to POOH.

HSM & PJSM w/ HES day crew Chevron site specific orientation. Discuss all 10 Tenets, TIF, ERP, SWA, Chevron idling policy, 360 my-space, proper backing, line of fire, communication, JSA requirements and purposes, proper tools, PPE,

HES ELU rehead and LD lubricator, HES begin MIRU Sand Kings, T Belt and Sand Castles.

HSM & PJSM w/ HES night crew Chevron site specific orientation. Discuss all 10 Tenets, TIF, ERP, SWA, Chevron idling policy, 360 my-space, proper backing, line of fire, communication, JSA requirements and purposes, proper tools, PPE,

MI & spot containment, sand kings and castles. Spot backside equipment and pumps. Begin RU frac equipment and offloading sand.

Report Start Date: 4/15/2015

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Continue RU of frac equipment and offloading sand.

Held pre job safety meeting with all personel discuss scope of job JSA's

HES Cont' RU frac equipment take delivery of sand. RU N2 pop-off and relief line to OTT. Rig in backside transducer and pop-off. Rig in bleed off line. Hang risers MIRU 2 additionall frac pumps OTG restrain all.

NOTE: Inventory chemicals and sand on location.

NOTE: Turned away sand trucks due to no safe land cards.

NOTE: 17:30 hrs HSM & PJSM w/ night crew

Wait on frac pumps.

RU & restrain last two pumps. Prime & test pump lines to 9,500psi good test. Pop off set at 8,350psi.

Open well 1,948psi. Start fracing stage #1 continue into next reporting day.

Report Start Date: 4/16/2015

Report Start Date: 4/10/2015

"Frac Stage #1

Breakdown Pressure: 4,838 psi Average Pump Rate: 88.8 bpm Max Pump Rate: 90.4 bpm Average Pump Pressure: 4,876 psi Max Pump Pressure: 8,093 psi

ISIP: 2,337 psi

Clean Volume Pumped: 214,059 gals Total Proppant Pumped: 281,254 lbs

Notes: During 2.5# stage lost rate and prop con readings in the frac van. Also lost control of pumps in the frac van. Had to read rate off the pumps outside and sand concetration off blender. Also had to run pumps outside manually."

Ru & test lubricator to 8,000psi.

"Perf Stage #2

Plug Setting Depth: 15,201'

Perf Depths: 14,954', 15,024', 15,094', 15,164'

60° Phasing

Notes: Max rate 15 BPM @ 2,900psi. Pumped 490 bbls"

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Completion Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

SKEEN 22-26-26 FED 007H Skeen 22-26-26 Fed Delaware River Mid-Continent Ground Elevation (ft) Original RKB (ft) Current RKB Elevation Water Depth (ft) Mud Line Elevation (ft) 3 437 00 3,437.00, 1/28/2015 3.406.00

記事 (特別などない) "Frac Stage #2 Breakdown Pressure: 5,574 psi

Average Pump Rate: 88 bpm Max Pump Rate: 93.6 bpm Average Pump Pressure: 6,012 psi Max Pump Pressure: 7,491 psi

ISIP: 2,541 psi

Clean Volume Pumped: 214,059 gals Total Proppant Pumped: 271,224 lbs"

SICP: 2200

MU 3 1/8"guns and 4.37" dummy plug for stage#3 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #3

Plug Setting Depth: 14.921'

Perf Depths: 14,886', 14,816', 14,746', 14,676'

60° Phasing

Notes: Max rate 16 BPM @ 2600 psi @ 300 fpm. Pumped 361 bbls"

Fesco grease frac valves

"Frac Stage #3

Breakdown Pressure: 4,209 psi Average Pump Rate: 90.2 bpm Max Pump Rate: 94.2 bpm

Average Pump Pressure: 5,551 psi Max Pump Pressure: 6,372 psi

ISIP: 2,572 psi

Clean Volume Pumped: 222,757 gals Total Proppant Pumped: 268,292 lbs

Notes: NOTE: TLR 5532"

MU 3 1/8"guns and 4.37" dummy plug for stage#4 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #4

Plug Setting Depth: 14,641'

Perf Depths: 14,606', 14,536', 14,466', 14,396'

Notes: Max rate 16 BPM @ 4,050psi. Pumped 340 bbls"

"Frac Stage #4

Breakdown Pressure: 3,668 psi Average Pump Rate: 89.2 bpm Max Pump Rate: 91 bpm Average Pump Pressure: 5,110 psi

Max Pump Pressure: 6,545 psi

ISIP: 2,649 psi

Clean Volume Pumped: 222,484 gals Total Proppant Pumped: 295,637 lbs

Notes: NOTE: TLR 5609"

Perf Stage #5

Plug Setting Depth: 14,361'

Perf Depths: 14,324', 14,254', 14,184', 14,114'

60° Phasing

Notes: Max rate 16 BPM @ 3000psi @ 335 fpm. Pumped 330 bbls

Fesco grease frac stack.

"Frac Stage #5

Breakdown Pressure: 4,149 psi Average Pump Rate: 89.8 bpm

Max Pump Rate: 91.8 bpm Average Pump Pressure: 5,254 psi

Max Pump Pressure: 6,351 psi

ISIP: 2,717 psi

Clean Volume Pumped: 231,006 gals Total Proppant Pumped: 274,979 lbs"

SICP: 2200 MU 3 1/8"guns and 4.37" dummy plug for stage#6 perfs. PU lubricator and MU on WH. Equalize to WH.



Completion Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

SKEEN 22-26-26 FED 007H Skeen 22-26-26 Fed Delaware River Mid-Continent Ground Elevation (ft) Current RKB Elevation Mud Line Elevation (ft) Water Depth (ft) 3,437.00, 1/28/2015 3,437.00 3,406.00

"Perf Stage #6

Plug Setting Depth: 14,072'

Perf Depths: 14,046', 13,976', 13,906', 13,836'

60° Phasing

Notes: Max rate 16 BPM @ 2,986psi. Pumped 348bbls"

Start pumping stage #6 continue into next reporting day

Report Start Date: 4/17/2015

"Frac Stage #6

Breakdown Pressure: 3,848 psi Average Pump Rate: 89.2 bpm Max Pump Rate: 91.2 bpm

Average Pump Pressure: 5,078 psi Max Pump Pressure: 7,332 psi

ISIP: 2,681 psi

Clean Volume Pumped: 231,795 gals Total Proppant Pumped: 281,978 lbs"

SICP: 2350 "Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#7 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #7

Plug Setting Depth: 13,801'

Perf Depths: 13,764', 13,694', 13,624', 13,554'

Notes: Max rate 16 BPM @ 2,780psi. Pumped 373bbls"

Fesco grease frac stack.

"Frac Stage #7

Breakdown Pressure: 3,921 psi Average Pump Rate: 89.8 bpm Max Pump Rate: 91.1 bpm Average Pump Pressure: 5,032 psi Max Pump Pressure: 6,998 psi ISIP: 2,646 psi

Clean Volume Pumped: 221,663 gals Total Proppant Pumped: 273,592 lbs Notes: NOTE: TLR 5536 bbls"

SICP: 2300 "Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#8 perfs. PU lubricator and MU on WH. Equalize to WH.

NOTE: 5:30 hrs HSM & PJSM w/ day crew

"Perf Stage #8

Plug Setting Depth: 13,512'

Perf Depths: 13,484', 13,414', 13,344', 13,274'

60° Phasing

Notes: Max rate 16 BPM @ 3000psi @ 335 fpm. Pumped 314 bbls"

"Frac Stage #8

Breakdown Pressure: 3,944 psi Average Pump Rate: 89.8 bpm Max Pump Rate: 91.6 bpm Average Pump Pressure: 4,815 psi Max Pump Pressure: 7,584 psi ISIP: 2,548 psi

Clean Volume Pumped: 234,009 gals Total Proppant Pumped: 304,204 lbs

Notes: NOTE: TLR 5572 bbls'

SICP: 2300 "Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#8 perfs. PU lubricator and MU on WH.

Attempt to qualize to WH and tool trap

body seals leaking.

Bleed lubricator to "0" psi. HSM and review JSA on LD live guns. LD guns and disarm. Replace seal bushings in body of tool trap. PU Lubricator and MU on WH. Retest lubricator and retest to 8000 psi. Bleed off to "0" psi.

NOTE: HSM & PJSA for LD live guns

SICP: 2300 "Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#8 perfs. PU lubricator and MU on WH. Equalize to WH

"Perf Stage #9

Plug Setting Depth: 13,230'

Perf Depths: 13,204', 13,134', 13,064', 12,994'

60° Phasing

Notes: Max rate 16 BPM @ 3000psi @ 300 fpm. Pumped 272 bbls" .

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Completion Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

SKEEN 22-26-26 FED 007H Skeen 22-26-26 Fed Delaware River Mid-Continent Current RKB Elevation Water Depth (ft) Ground Elevation (ft) Original RKB (ft) 3,406.00 3,437.00, 1/28/2015

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Fesco grease frac stack.

Test lines and stack to 9000 psi. Good Test. Set Restest and set N2 pop-off to 8300 psi.

"Frac Stage #9

Breakdown Pressure: 4,341 psi Average Pump Rate: 89.5 bpm Max Pump Rate: 94.7 bpm Average Pump Pressure: 4,936 psi Max Pump Pressure: 6,810 psi

ISIP: 2,633 psi

Clean Volume Pumped: 223,677 gals Total Proppant Pumped: 275,520 lbs

Notes: NOTE: TLR 5326 bbls NOTE: Test and Reset N2 pop-off to 8300 psi."

SICP: 2400 "Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#8 perfs. PU lubricator and MU on WH. Equalize to WH

"Perf Stage #10

Plug Setting Depth: 12,656

Perf Depths: 12,924', 12,854', 12,784', 12,714'

60° Phasing

Notes: Max rate 16 BPM @ 2880 psi @ 300 fpm. Pumped 259 bbls"

"Frac Stage #10

Breakdown Pressure: 4,536 psi Average Pump Rate: 89.6 bpm Max Pump Rate: 93.1 bpm Average Pump Pressure: 4,870 psi Max Pump Pressure: 6,209 psi ISIP: 2,704 psi

Clean Volume Pumped: 224,556 gals

Total Proppant Pumped: 283,222 lbs Notes: Pop off set at 8,250pis"

SICP: 2200 "Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#11 perfs. PU lubricator and MU on WH. Equalize to WH

"Perf Stage #11

Plug Setting Depth: 12,681'

Perf Depths: 12,644', 12,574', 12,505', 12,434'

60° Phasing

Notes: Max rate 16 BPM @ 2,900psi. Pumped 273bbls"

Fesco grease frac tree.

Begin stage 11 frac continue into next reporting day

Report Start Date: 4/18/2015

"Frac Stage #11

Breakdown Pressure: 6,176 psi Average Pump Rate: 89.8 bpm Max Pump Rate: 94 bpm Average Pump Pressure: 4,916 psi Max Pump Pressure: 7,155 psi

ISIP: 2,506 psi

Clean Volume Pumped: 227,814 gals Total Proppant Pumped: 296,845 lbs"

SICP: 2200 " Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#12 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #12

Plug Setting Depth: 12,380'

Perf Depths: 12,364', 12,294', 12,224', 12,154'

60° Phasing

Notes: Max rate 17 BPM @ 2,790psi. Pumped 222bbls"

"Frac Stage #12

Breakdown Pressure: 4,531 psi Average Pump Rate: 89.5 bpm Max Pump Rate: 91.6 bpm Average Pump Pressure: 4,836 psi Max Pump Pressure: 7,197 psi

ISIP: 2.581 psi

Clean Volume Pumped: 230,142 gals Total Proppant Pumped: 287,260 lbs"

SICP: 2190 " Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#13 perfs. PU lubricator and MU on WH. Equalize to WH.

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Completion Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

SKEEN 22-26-26 FED 007H Skeen 22-26-26 Fed Delaware River Mid-Continent Ground Elevation (ft) Original RKB (ft) Current RKB Elevation Mud Line Elevation (ft) Water Depth (ft) 3,406.00 3,437.00 3,437.00, 1/28/2015

发展的影响。在1980年,1980年,1980年,1980年的时期

"Perf Stage #13

Plug Setting Depth: 12,119'

Perf Depths: 12,084', 12,014', 11,944', 11,874'

60° Phasing

Notes: Max rate 17 BPM @ 2,851psi. Pumped 230bbls"

"Frac Stage #13

Breakdown Pressure: 5,669 psi Average Pump Rate: 87.8.bpm Max Pump Rate: 95.1 bpm Average Pump Pressure: 7,100 psi Max Pump Pressure: 4,888 psi ISIP: 2,618 psi

Clean Volume Pumped: 219,324 gals Total Proppant Pumped: 271,522 lbs Notes: NOTE: TLR 5222 bbls

Fesco grease frac tree

SICP: 2150 " Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#13 perfs. PU lubricator and MU on WH. Equalize to WH.

'Perf Stage #14

Plug Setting Depth: 11,841'

Perf Depths: 11,804', 11,734', 11,664', 11,594'

60° Phasing

Notes: Max rate 16 BPM @ 2780 psi @ 275 fpm. Pumped 204 bbls"

NOTE: Last shot fired weak signal and uncertain confirmation @ WH. POOH and treat as though live guns. Revise and review JSA. Move all non- essential personnel to entrance.

NOTE: All shots fired.

"Frac Stage #14

Breakdown Pressure: 3,706 psi Average Pump Rate: 89.6 bpm Max Pump Rate: 91.4 bpm Average Pump Pressure: 4,801 psi Max Pump Pressure: 6,980 psi ISIP: 2,610 psi

Clean Volume Pumped: 225,218 gals Total Proppant Pumped: 273,545 lbs Notes: NOTE: TLR 5362 bbls

SICP: 2230 "Radio Silence" MU 3 1/8"guris and 4.37" plug for stage#15 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #15

Plug Setting Depth: 11,561'

Perf Depths: 11,524', 11,454', 11,384', 11,314'

60° Phasing

Notes: Max rate 16 BPM @ 2718 psi @ 275 fpm. Pumped 182 bbls"

Fesco grease frac tree.

Frac Stage #15

Breakdown Pressure: 5,626 psi Average Pump Rate: 90.2 bpm Max Pump Rate: 92,8 bpm Average Pump Pressure: 4,994 psi Max Pump Pressure: 7,468 psi ISIP: 2,517 psi Clean Volume Pumped: 222,243 gals Total Proppant Pumped: 280,982 lbs

NOTE: Test N2 pop-off to 8300 psi. Good Test. Test lines to 9000 psi good test

SICP: 2350 " Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#16 perfs. PU lubricator and MU on WH. Equalize to WH.

NOTE: Halliburton ground valve had leak and had to grease.

"Perf Stage #16

Plug Setting Depth: 11,281

Notes: NOTE: TLR 5291 bbls

Perf Depths: 11,244', 11,174', 11,104', 11,034'

60° Phasing

Notes: Max rate 16 BPM @ 2624.psi @ 270 fpm. Pumped 180 bbls"



Completion Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

Field Name Business Unit SKEEN 22-26-26 FED 007H Skeen 22-26-26 Fed Mid-Continent Delaware River Original RKB (ft) Water Depth (ft) Ground Elevation (ft) Current RKB Elevation Mud Line Elevation (ft 3,437.00 3,437.00, 1/28/2015 3,406.00

型数式直接整线器 APP 機器 运输器 医高级 医二氏性性结肠炎 计图像电阻 计通讯处理 医电阻性 化重点 医血压性 中心

"Frac Stage #16

Breakdown Pressure: 4,731 psi Average Pump Rate: 89.3 bpm Max Pump Rate: 92.9 bpm Average Pump Pressure: 4,775 psi Max Pump Pressure: 7,511 psi

ISIP: 2,557 psi

Clean Volume Pumped: 288,280 gals Total Proppant Pumped: 255,484 lbs"

SICP: 2250 " Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#17 perfs. PU lubricator and MU on WH. Equalize to WH.

"Perf Stage #17

Plug Setting Depth: 11,001'

Perf Depths: 10,964', 10,894', 10,824', 10,754'

60° Phasing

Notes: Max rate 17 BPM @ 2,647psi. Pumped 156bbls"

Fesco Grease frac tree

"Frac Stage #17

Breakdown Pressure: 5,598 psi Average Pump Rate: 87.4 bpm Max Pump Rate: 93.8 bpm Average Pump Pressure: 4,898 psi Max Pump Pressure: 6,334 psi

ISIP: 2,509 psi

Clean Volume Pumped: 218,593 gals Total Proppant Pumped: 279,489 lbs"

SICP: 2250 "Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#18 perfs. PU lubricator and MU on WH. Equalize to WH.

Report Start Date: 4/19/2015

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"Perf Stage #18

Plug Setting Depth: 10,721

Perf Depths: 10,684', 10,614'N/AN/A

60° Phasing

Notes: Max rate 17 BPM @ 2.678psi. Pumped 162bbls. Did not see any indication that the last two guns fired. POOH stop at 500' to have JSA about pulling out with live guns. "

Held JSA with all personal on location. Discussed Radio silence, POOH with live guns, All nonessential personal to wait off location until guns are disarmed.

Radio Silence. POOH, in accordence with Halliburotn JSA for handling missfired live guns. Saw that top two guns did not fire. Check temp of guns for themal activity and found none. Laid down guns and disarmed. Rehead wireline.

SICP: 2150 " Radio Silence" MU 3 1/8"guns and dummy plug for top two intervals on stage#18 perfs. PU lubricator and MU on WH. Equalize to WH.

NOTE: 5:30 hrs HSM & PJSM w/ day crews

"Perf Stage #18

Plug Setting Depth: N/A'

Perf Depths: N/AN/A, 10,544', 10,474'

60° Phasing

Notes: Max rate 17 BPM @ 3,540psi. Pumped 219bbls. Due to missfire on previous run only needed to perf last 2 intervals on stage 18."

"Frac Stage #18

Breakdown Pressure: 4,619 psi Average Pump Rate: 89.3 bpm Max Pump Rate: 91.4 bpm Average Pump Pressure: 5,141 psi Max Pump Pressure: 7,556 psi ISIP: 2,540 psi

Clean Volume Pumped: 236,410 gals Total Proppant Pumped: 270,480 lbs Notes: NOTE: TLR 5391 bbls

SICP: 2200 "Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#18 perfs. PU lubricator and MU on WH. Equalize to WH

NOTE: Halliburton had ground valve leaking. Grease and retest. Good test.

"Perf Stage #19

Plug Setting Depth: 10,441'

Perf Depths: 10,404', 10,334', 10,264', 10,194'

60° Phasing

Notes: Max rate 16 BPM @ 2704 psi @ 250 fpm. Pumped 140 bbls"

NOTE: SD 30 minutes due to electronics on pump trucks.

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Completion Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

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"Frac Stage #19

Breakdown Pressure: 4,101 psi Average Pump Rate: 90.1 bpm Max Pump Rate: 93 bpm

Average Pump Pressure: 4,785 psi

Max Pump Pressure: 7,424 psi

ISIP: 2,572 psi

Clean Volume Pumped: 217,665 gals Total Proppant Pumped: 283,183 lbs Notes: NOTE: TLR 5183 bbls "

SICP: 2350 " Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#19 perfs. PU lubricator and MU on WH. Equalize to WH

NOTE: Halliburton had ground valve leaking. Grease and retest. Good test.

"Perf Stage #20

Plug Setting Depth: 10,161'

Perf Depths: 10,124', 10,054', 9,984', 9,914'

60° Phasing

Notes: Max rate 16 BPM @ 2632 psi @ 285 fpm. Pumped 103 bbls"

"Frac Stage #20

Breakdown Pressure: 3,738 psi Average Pump Rate: 90 bpm Max Pump Rate: 91 bpm Average Pump Pressure: 4,650 psi Max Pump Pressure: 7,108 psi

ISIP: 2,479 psi

Clean Volume Pumped: 212,920 gals Total Proppant Pumped: 272,600 lbs Notes: NOTE: TLR 5070 bbls "

SICP: 2380 " Radio Silence" MU 3 1/8" guns and 4.37" plug for stage#21 perfs. RU lubricator and MU on WH. Equalize to WH

"Perf Stage #21

Plug Setting Depth: 9,881'

Perf Depths: 9,844', 9,774', 9,704', 9,634'

60° Phasing

Notes: Max rate 16 BPM @ 2652 psi @ 285 fpm. Pumped 95 bbls"

Fesco Grease stack

"Frac Stage #21

Breakdown Pressure: 3,358 psi Average Pump Rate: 90.7 bpm Max Pump Rate: 91.9 bpm Average Pump Pressure: 4,464 psi Max Pump Pressure: 5,927 psi

ISIP. 2,603 psi

Clean Volume Pumped: 204,019 gals Total Proppant Pumped: 260,979 lbs Notes: Pop off set at 8,050psi. "

SICP: 2380 " Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#22 perfs. PU lubricator and MU on WH. Equalize to WH

"Perf Stage #22

Plug Setting Depth: 9,601'

Perf Depths: 9,564', 9,494', 9,424', 9,354'

60° Phasing

Notes: Max rate 17 BPM @ 2,800psi. Pumped 92bbls. "

"Frac Stage #22

Breakdown Pressure: 3,057 psi Average Pump Rate: 90.5 bpm Max Pump Rate: 94 bpm Average Pump Pressure: 4,373 psi Max Pump Pressure: 6,868 psi

ISIP: 2,728 psi

Clean Volume Pumped: 208,745 gals Total Proppant Pumped: 268,502 lbs"

SICP: 2255 " Radio Silence" MU 3 1/8"guns and 4.37" plug for stage#23 perfs. PU lubricator and MU on WH. Equalize to WH

Report Start Date: 4/20/2015

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Completion. Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

ield Name SKEEN 22-26-26 FED 007H Skeen 22-26-26 Fed Delaware River Mid-Continent Ground Elevation (ft) Original RKB (ft Current RKB Elevation Mud Line Elevation (ff) Water Depth (ft) 3,406.00 3,437.00 3,437.00, 1/28/2015

"Perf Stage #23

Plug Setting Depth: 9,321'

Perf Depths: 9,284', 9,214', 9,144', 9,074'

60° Phasing

Notes: Max rate 16 BPM @ 2,690psi. Pumped 64bbls. "

Wait on Sand

"Frac Stage #23

Breakdown Pressure: 3,487 psi Average Pump Rate: 90.8 bpm Max Pump Rate: 91.5 bpm Average Pump Pressure: 4,303 psi Max Pump Pressure: 6,387 psi ISIP: 2,638 psi

Clean Volume Pumped: 19,601 gals Total Proppant Pumped: 261,193 lbs"

Held RD safety meeting will all personal.

RDMO wireline & lubricator equipment. RDMO frac equipment. ND Goat and and Install Crown valve on top of flow-cross. Test to 250/8500 psi. Good Test. OTG clean and remove containment. Police and clean location.

No activity on well site.

Report Start Date: 4/21/2015

No Activity

HSM & PJSA w/ Cudd, BK, TNT, OTG, Baker, Fesco, Coil Chem. Discuss Scope of Job: MIRU CTU & DO frac plugs. Tenet #1 We Always operate within design and environmental limits, SWA, TIF, ERP, PPE, 360 my-space, Chevron idling policy, spotters while backing, no spill policy, pinch points, biological hazards, three point contact while lifting, communication, dehydration, line of fire and emphasize state of mind.

OTG RU containment for CTU, power pack and HPPT. Cudd MIRU 2 3/8" CTU, power pack and fluid HPPT. Coil Chem rig into fluid HPPT. EPS ND capping flange, NU CT flange and MU BOPE on top of Crown Valve. OTG restrain pump lines and Cudd fill coil reel (87 bbls capacity).

MU CT/DO 4.75" JZ Rockbit BHA as follows from top to bottom

OD	Description	Length	
2.88"	CT connector	1.31'	
2.88"	BPV	1.94'	
2.88"	Fau Hyd Disconnect	2.02'	
2.88" 2.88" 2.88" 2.88"	Circ Sub Hydro Pull Filter Sub Hydro Pull Tool X Treme AD Motor	2.44' 2.69' 12.60'	1.37'
3.31"	X Over	.93'	
4.75"	JZ Rock Bit	.50'	

TOTAL LENGTH

25.80

NOTE: MU 2.88" CT connector onto 2 3/8" pipe.

Pull test twice 20,000# / 25,000#. Good Test.

Function Test motor @ surface.

MU lubricator and injector head on WH.

Debrief on what went well and what did not go well. All went well with main focus of proper planning and execution, good communication. Discuss Scope of Job

Circ' 5 bbls to OTT. Close in manifold and pressure test all to 250/8000 psi. Good Test.

SICP: 2150

Equalize pressure to WH. TIH pumping FR water 1.5 bpm in/ 2 bpm out @ 2200 WHP and 2900 CTP.

Wt check @ 7500' PU wt 15,000 #.

Increase rate to 3.5 bpm in/ 4 bpm out w/ CTP: 4500 WHP: 2160

Cont' RIH to tag plug #1 @ 9321'.



Completion Complete Job Start Date: 4/9/2015

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

Com

"Tagged Plug #1 @ 15:30 @ 9321' WHP 4,600 psi

Thru plug @ 15:35 @ 9,323' WHP 4,500 psi

Plug Milling Time 0:05

Notes: Pump 10 bbl gel sweep before tagging plug and pump 10 bbl gel sweep after DO plug. Plug slid down hole and drilled on plug until tag #2 plug."

"Tagged Plug #2 @ 16:15 @ 9601' WHP 4,300 psi

Thru plug @ 16:38 @ 9,603' WHP 4,300 psi

Plug Milling Time 0:23

Notes: Pump 10 bbl gel sweep before tagging plug and pump 10 bbl gel sweep after DO plug. "

"Tagged Plug #3 @ 17:15 @ 9,881' WHP 4,230 psi

Thru plug @ 17:45 @ 9,883' WHP 4,250 psi

Plug Milling Time 0:30

Notes: Pump 10 bbl gel sweep before tagging plug and pump 10 bbl gel sweep after DO plug. "

ST to 7,650'

Pump 3.5 bbls/min Flowback 3.9 bbls/min

WHP: 1,750 psi

CIRC: 4,400 psi

Send 10 bbl 100 visc Gel Sweep

All sweeps on surface on schedule.

TIH f/ 7,650'-10,161'

"Tagged Plug #4 @ 09:21 @ 10,161' WHP 1,750 psi

Thru plug @ 09:38 @ 10,163' WHP 1,750 psi

Plug Milling Time 0:17

"Tagged Plug #5 @ 10:23 @ 10,441' WHP 1,750 psi

Thru plug @ 10:30 @ 10,442' WHP 1,750 psi

Plug Milling Time 0:07

"Tagged Plug #6 @ 11:15 @ 10,721' WHP 1,750 psi

Thru plug @ 11:28 @ 10,723' WHP 1,748 psi

Plug Milling Time 0:13

Notes: 4.0 bpm in returns. Pump 10bbls sweep before tagging and after drilling each plug. RIH tag plug 7 @ 11,001 make ST."

Report Start Date: 4/22/2015

Com

ST to 7,600' Pump 3.5 bbls/min Flowback 4 bbls/min WHP: 1,740 psi CIRC: 4,100 psi Send 10 bbl 100 visc Gel Sweep All sweeps on surface on schedule (heavy-amounts of sand with sweeps). Ciruculate at KOP until returns cleaned up. TIH f/ 7,600'-10,161'

"Tagged Plug #7 @ 04:13 @ 11,001' WHP 1,780 psi

Thru plug @ 04:21 @ 11,003' WHP 1,780 psi

Plug Milling Time 0:08

Notes: 4.0 bpm in returns. Pump 10bbls sweep before tagging and after drilling plug"

"Tagged Plug #8 @ 04:42 @ 11,281' WHP 1,770 psi

Thru plug @ 04:49 @ 11,283' WHP 1,760 psi

Plug Milling Time 0:07

Notes: 4.0 bpm in returns. Pump 10bbls sweep before tagging and after drilling plug"

"Tagged Plug #9 @ 05:14 @ 11,561' WHP 1,750 psi

Thru plug @ 05:18 @ 11,563' WHP 1,780 psi

Plug Milling Time 0:04

Notes: 4.0 bpm in returns. Pump 10bbls sweep before tagging and after drilling plug"

RIH tag plug #10 @ 11,841.

NOTE: HSM & PJSA w/ day crews

ST to 7,600' Pump 3.5 bbls/min Flowback 4 bbls/min WHP: 1,750 psi CIRC: 4,200 psi Send 10 bbl 100 visc Gel Sweep All sweeps on surface on schedule (light amounts of sand with sweeps). Ciruculate at KOP until returns cleaned up. TIH f/ 7,600'-11,841'

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Completion Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

Well Name		Lease	Field Name		Business Unit	
SKEEN 22-26-26 FED 007H		Skeen 22-26-26 Fed	Delaware River	Delaware River		1
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation			Mud Line Elevation (ft)	Water Depth (ft)
/ 3,406.00	3,437.00	3,437.00, 1/28/2015			,	

是整個機能發展機能的研究。如果也是自然的。如果你不多可以不可以不可以可以是使用的學術也是Com更相談的的語言。但是一個不可以可以可以可以可以可以的一個的一個的一個的學術也

"Tagged Plug #10 @ 09:03 @ 11,841' WHP 1,700 psi

Thru plug @ 09:07 @ 11,843' WHP 4,340 psi

Plug Milling Time 0:04

Notes: Pump 10 bbl gel sweep before tagging plug and pump 10 bbl gel sweep after DO plug. "

"Tagged Plug #11 @ 09:43 @ 12,119' WHP 1,700 psi

Thru plug @ 09:49 @ 12,121' WHP 4,340 psi

Plug Milling Time 0:06

Notes: Pump 10 bbl gel sweep before tagging plug and pump 10 bbl gel sweep after DO plug. "

"Tagged Plug #12 @ 10:37 @ 12,119' WHP 1,690 psi

Thru plug @ 10:41 @ 12,121 WHP 4,330 psi

Plug Milling Time 0:04

Notes: Pump 10 bbl gel sweep before tagging plug and pump 10 bbl gel sweep after DO plug. "

"Tagged Plug #13 @ 11:19 @ 12,681' WHP 1,700 psi

Thru plug @ 11:29 @ 12,683' WHP 4,320 psi

Plug Milling Time 0:10

Notes: Pump 10 bbl gel sweep before tagging plug and pump 10 bbl gel sweep after DO plug. "

"Tagged Plug #14 @ 12:03 @ 12,969' WHP 1,700 psi

Thru plug @ 12:14 @ 12,971' WHP 4,340 psi

Plug Milling Time 0:11

Notes: Pump 10 bbl gel sweep before tagging plug and pump 10 bbl gel sweep after DO plug. "

ST to7,600' Pump 3.5 bbls/min Flowback 4 bbls/min WHP: 1,750 psi CIRC: 4,200 psi Send 10 bbl 100 visc Gel Sweep All sweeps on surface on schedule (light amounts of sand with sweeps). Ciruculate at KOP until returns cleaned up. TIH f/ 7,600'-13,459'

NOTE: TIH to tag plug #15 @ 13,230' and went to 13,300'. Did not see plug Send gel sweeps and begin ST.

"Tagged Plug #15 @ 17:50 @ 13,450' WHP 1,670 psi

Thru plug @ 17:55 @ 13,451 WHP 1,680 psi

Plug Milling Time 0:05

Notes: Did not see plug were we set it, found it deeper in the perfs. '

"Tagged Plug #16 @ 18:19 @ 13,512' WHP 1,680 psi

Thru plug @ 18:24 @ 13,514' WHP 1,685 psi

Plug Milling Time 0:05

Notes: Pump sweep before & after plug."

"Tagged Plug #17 @ 18:51 @ 13,801' WHP 1,683 psi

Thru plug @ 18:58 @ 13,803' WHP 1,680 psi

Plug Milling Time 0:07

Notes: Pump sweep before & after plug."

"Tagged Plug #18 @ 19:20 @ 14,072' WHP 1,680 psi

Thru plug @ 19:30 @ 14,074' WHP 1,675 psi

Plug Milling Time 0:10

Notes: Pump sweep before & after plug. RIH and tag plug 19 and make ST."

ST to 7,600' Pump 3.5 bbls/min Flowback 4 bbls/min WHP: 1,680 psi CIRC: 4,200 psi Send 10 bbl 100 visc Gel Sweep All sweeps on surface on schedule (light amounts of sand with sweeps). Ciruculate at KOP until returns cleaned up.

Report Start Date: 4/23/2015

RIH form 7,600' to 14,361'

Com



Completion Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

Skeen 22-26-26 Fed SKEEN 22-26-26 FED 007H Delaware River Mid-Continent Current RKB Elevation Original RKB (ft) Mud Line Elevation (ft) Ground Elevation (ft) Water Depth (ft) 3.406.00 3,437.00 3,437.00, 1/28/2015

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Did not see plug 19 @ 14,361' pumped 10 bbl gel sweep

Tagged Plug #20 @ 02:40 @ 14,800' WHP 1,690 psi Thru plug @ 02:45 @ 14,801' WHP 1,680 psi

Plug Milling Time 0:05

Notes: Did not see plug @ 14,641'. Pumped 10 bbls gel sweep before and after plug. "

Did not see plug 21 @ 14,921' pump 10 bbl gel sweep.

'Tagged Plug #22 @ 03:23 @ 15,201' WHP 1,700 psi

Thru plug @ 03:29 @ 15,203' WHP 1,680 psi

Plug Milling Time 0:06

Notes: Pumped 10 bbls gel sweep before and after plug. " .

Tag RSI @ 15,516' PU off RSI & pump 10 bbls sweep, 10 bbl space and 10 bbl sweep.

POOH @ 35 fpm in lateral and send sweep before curve. Cont' POOH to KOP and increase speed to 130 fpm to surface. Bump up into lubricator and cycle crown valve. SIW and bleed psi to "0" to OTT

HSM & PJSA w/ Cudd, Baker, Chem Coil, Fesco, BK, EPS, TNT, Stone. Debrief on CT/DO Job: What went right - communication, followed procedure, took time to do things right, good chems; SWA was implemented when necessary. What went wrong- no items found, stripper head appeared to be leaking but wasn't and if we needed it manlift-would not have been tall enough.

Discuss Scope of Job: LD CT/DO BHA & RDMO Cudd CTU. Tenet # 3 We always ensure devices are in place and functioning, over-head loads, pressurized lines, slick conditions on containments, no spill policy. ERP, SWA, TIF, PPE, JSA reviews, pinch points, fall protection, proper tools, communication, backing with spotters, proper speeds on lease rds.

Break off lubricator above BOPE. LD Baker CT/DO BHA.

MU lubricator on BOPE on WH. Open to OTT and jet out coil w/ N2. RD fluid pump, Injector head, Coil Chem. ND BOPE and CT flange from WH. NU night cap onto crown valve. Release all unnecessary equipment. Clean out sand OTT.

NOTE: 12:45 Cudd CTU RDMO NOTE: Total sand recovered 14 yds NOTE: TLR after frac 123,121 bbls TLR during DO 1,194 bbls

TIR 121,927 bbls

SICP: 1732

Open well @ 16:00 hrs on 12/64 choke and begin FB operations

Starting FWHP: 1743 psi, Ending FWHP: 1675 psi

24 hr fluid recovery: 91.35 bbl 24 hr water recovery: 91.35 bbl 24 hr oil recovery: "0" bbl

H2S-0

Fluid rate: 44.10 bbl/hr on 12/64" Total water recovered: 91.35 bbl

Remaining frac load to recover: 121,835.5 bbl

Total oil recovered: "0" bbl

NOTE: Beginning TLR: 121,927 bbls

Report Start Date: 4/24/2015

Flowing well on 16/64 since 4:00 hrs

Starting FWHP: 1598 psi, Ending FWHP: 1584 psi

24 hr fluid recovery: 83.49 bbl 24 hr water recovery: 83.49 bbl 24 hr oil recovery: "0" bbl

H2S-0

Fluid rate: 44.10 bbl/hr on 12/64" Total water recovered: 814.50 bbl

Remaining frac load to recover: 121,112.5 bbl

Total oil recovered: "0" bbl

NOTE: Beginning TLR: 121,927 bbls NOTE: HSM & PJSA w/ day crews



Completion Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

	Well Name		Lease	Field Name	Business Unit	•
	SKEEN 22-26-26 FE	D 007H	Skeen 22-26-26 Fed	Delaware River	Mid-Continent	
ļ	Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	1	Mud Line Elevation (ft)	Water Depth (ft)
	3,406.00	3,437.00	3,437.00, 1/28/2015		}	

Flowing well on 19/64 since 18::00 hrs @ report time

·森村原理的時度為建物的計劃。計劃、森建物區的形式。其中的時代的

Starting FWHP: 1598 psi, Ending FWHP: 1514 psi

24 hr fluid recovery: 120.48 bbl 24 hr water recovery: 120.48 bbl 24 hr oil recovery: "0" bbl

H2S-0

Fluid rate: 120.48 bbl/hr on 19/64" Total water recovered: 2,015.7 bbl

Remaining frac load to recover: 119,911.3 bbl

Total oil recovered: "0" bbl

NOTE: Beginning TLR: 121,927 bbls NOTE: HSM & PJSA w/ night crews

Report Start Date: 4/25/2015

Com'

Flowing well on 19/64 since 18::00 hrs

Starting FWHP: 1527 psi, Ending FWHP: 1470 psi

24 hr fluid recovery: 116.42 bbl 24 hr water recovery: 116.42 bbl 24 hr oil recovery: "0" bbl

H2S-0

Fluid rate: 116.42 bbl/hr on 19/64" Total water recovered: 3,413.2 bbl

Remaining frac load to recover: 118513.7 bbl

Total oil recovered: "0" bbl

NOTE: Beginning TLR: 121,927 bbls NOTE: HSM & PJSA w/day crews NOTE: No sand or plug parts

Flowing well on 19/64 since 18::00 hrs

06:00 hrs FWHP: 1470 psi, 11:00 hrs FWHP: 1445 psi

24 hr fluid recovery: 111.52 bbl 24 hr water recovery: 111.52 bbl 24 hr oil recovery: "0" bbl

H2S-0

Fluid rate: 111.52 bbl/hr on 19/64" Total water recovered: 3,974.6 bbl

Remaining frac load to recover: 117,952.4 bbl

Total oil recovered: "0" bbl

NOTE: Beginning TLR: 121,927 bbls

NOTE: No sand or plug parts. Contact CE and SWI due to no sand at max rate on FB w/ 7 BTM's up.

Close in hydraulic and LMV. Leave csg valve open for monitoring pressure to choke trailer.

WO WLU to set production packer in the am

Report Start Date: 4/26/2015

HSM & PJSA w/ CHS, OTG, HES, Fesco. PetroPlex, Discuss Scope of Job Flush csg, set prod packer. SWA, TIF, ERP, PPE, 360 MY-SPACE, Tenet # 6 we always maintain integrity of dedicated systems, over-head loads, pinch points, spotters while backing, communicaation,line of fire, Pressured lines.

MIRU PetroPlex HPPT to Fesco Flow-cross, OTG restrain lines. Prime pump lines to OTT and pressure test to 250/8000 psi. Good Test.

NOTE: 7:30 hrs CHS showed up w/out part of lubricator. Lubricator had fallen off the trailer. enroute to location. Dispatched another set of lubricator.



Completion Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

 Well Name
 Lease
 Field Name
 Business Unit

 SKEEN 22-26-26 FED 007H
 Skeen 22-26-26 Fed
 Delaware River
 Mid-Continent

 Ground Elevation (ft)
 Original RKB (ft)
 Current RKB Elevation
 Mud Line Elevation (ft)
 Water Depth (ft)

 3,406.00
 3,437.00 | 3,437.00 | 1/28/2015
 Water Depth (ft)
 Water Depth (ft)

<u>。这个人,这个人就是不是一个人,不是一个人的人,不是一个人的人们的一个人的人们的</u>

WO 3rd set of 5K lubricator package from Hobbs yard,

NOTE: 1st lubricator package that showed up had missing lubricator section, had fallen off enroute. BOPE on same was out of date 8/13 expiration date lubricator itself was in inspection date but had fallen oiff trailer and damaged bowen connection (egged)

NOTE: Second lubricator that showed up all iron out of inspection on 3/15 expiration date. BOPE out of inspection on 3/15 as well.

NOTE: 14:30 hrs #3 Lubricator on location and checked out.

Bled off pressure to OTT. RD Petroplex HPPT from WH. Close in well for the night.

NOTE High winds sustained @ 35 mph with gusts to 55 mph.

WO winds to die down.

Report Start Date: 4/27/2015

Com

MIRU Petroplex HPPT and OTG restrain lines. Pressure test to 250/8000 psi. Good Test.

SICP: 1470

Equalize well, Flush csg w/ 210 bbls @ 8 bpm @ 1900 psi.

MU 4.625' GR/JB/CCL and MU on WH. Pressure test all to 250/4000 psi. Good Test.

SICP: 1650

Equalize and TIH w/ GR/JB/CCL to 8000' correlating w/ SJ @ 7859' w/ no obstructions. POOH.

M/U Baker 20 setting tool and HalliburtonVersa Set Wireline Set Production Packer Assembly as follows

Length Description 2.313" 3.117" 1.85⁻ On/off Tool 4.610" 2.360" 6.50' Versa Set Packer 2.441" 2.875" 6.531 2 7/8" L80 EUE Sub XN Nipple (nickle plated) 2.205" 3.28" 1 73 2.441" 2.875" 4.53' 2 7/8" L80 EUE Sub Entry Guide 2.205" 3.680" 0.48'

Total Length with tailpipe: 21.89'

NOTE: pump out plug pinned at 2000 psi. 4 pins at 500 psi each.

SICP: 1630

TIH w/ Versa Set production packer correlating to SJ @ 7859' - 7869'. PU mid joint to set top of packer @ 7605'. Bleed well to "0" psi while POOH beginning negative test.

NOTE: 4 pins in Pump out Plug @ 500 psi each 2000 psi on pins and WHP 1630. Pump out should be 3620 psi.

LD packer setting BHA and lubricator. EPS ND WL flange and NU capping flange. RDMO CHS WLU.

NOTE: Hold de-brief w/ crews

Debrief what went well what went wrong with crews. Good communication, no spill policy enforced, all equipment loaded out and secured safely, IFO. What went wrong- tail rope needed to be longer.

Fesco perform negative test on packer/POP.

Report Start Date: 4/28/2015

Com

Fesco perform negative test on packer/POP.

HSM & PJSM w/ Fesco, Vetco Gray, CHS. Discuss Scope of Job ND: Frac stack and RD FB equipment, TIF, SWA, ERP, over-head loads, pinch points, three point contact while climbing, communication, working in high winds, line of fire, good house keeping, spotters while backing.

Remove restraints. RD flowback iron and manifolds

PCP: "0" and static

ND frac stack to LMV. Install flow-bushing w/ 2 7/8" thrd and BPV. Run in lock pins and torque gland nuts to spec. Cycle LMV and ND same. Install capping flange. Close csg valves.

Cont' RD Tetra water transfer. OTG clean containment.

WO WOR to run production tbg

Report Start Date: 4/29/2015

Com

No Activity.

Report Start Date: 4/30/2015

Page 15/17



Completion Complete

Job Start Date: 4/9/2015 Job End Date: 5/4/2015

			· · · · · · · · · · · · · · · · · · ·				
Well Name		Lease		Field Name		Business Unit	
SKEEN, 22-26-26 FED 007H		Skeen 22-26-26 Fed		Delaware River		Mid-Continent	
Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	,			Mud Line Elevation (ft)	Water Depth (ft)
3,406.00	3,437.00	3,437.00,.1/28/2015					

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DROVE RIG FROM ALICE PADDOCK #8 TO SKEEN #7

SPOT EQUIPMENT

CREW TRAVEL

NO ACTIVITY

Report Start Date: 5/1/2015

NO OPERATIONS ON LOCATION

CREW TRAVEL

TGSM, JSA REVIEW.

RU PU & RU, SPOT IN PU/LD MACHINE & PIPE RACKS.

NO PSI ON PRODICSG. GAUGE ON INT. AND SURFACE CSG BOTH HAD 500 PSI SHOWING. BLEED BOTH TO 0. SURFACE DROPPED TO 0 AS SOON AS THE VALVE WAS OPENED TO TANK WITH NO CONTINUED FLOW. INT FLOWED FOR APROX 5 MIN. FLUID WAS MOSTLY WATER WITH SOME GAS OR AIR. HAD NO FOLLOW UP FLOW AFTER IT WENT TO 0 PSI. BELIEVE PSI WAS DUE TO TRAPPED MIGRATING GAS OR AIR SINCE NEITHER FLOWED AFTER PSI DROPPED TO 0. ND WH.

NU BOP, BPV, INSTALL 2 WAY CHECK, TEST BOP 250 LOW, 2K HIGH, GOOD TEST.

UNLOAD AND RACK 144 JTS NEW 2 7/8" L80 PRODUCTION TBG. STRAP TOP ROW.

HELD PRE JOB TGSM AND JSA REVIEW W/ CREW, HYDROTESTERS, LD/PU MACHINE OPR, WEATHERFORD GAS LIFT TECH AND HALIBURTON PKR HAND. TBG TESTERS MIRU. START IN 2 7/8" L80 PRODUCTION TESTING TO 5K. GOT IN W/ 130 JTS TBG AND 8 OF THE 11 GAS LIFT VALVES. SI WELL UNLOAD. TREE FROM HOTSHOT.

CREW TRAVEL

NO OPERATIONS ON LOCATION.

Report Start Date: 5/2/2015

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,也是我们的解释这个是特殊的信仰的特殊等别的,这个Apple 一定是一些是一个人。《Combie

NO OPS ON LOCATION

CREW TRAVEL FROM HOBBS NM

TGSM JSA REVIEW W/ ALL ON LOCATION.

NO PRESSURE ON PRODUCTION CSG, SURFACE CSG OR TBG. HAD 350 PSI ON INTERMEDIATE CSG. PRESSURE DROFPED TO 0 IN LESS THAN A MINUTE. MOSTLY GAS/AIR WITH A SMALL AMOUNT OF WATER AND OIL. CHECK ELEVATORS W/ 2 7/8" TBG SUB. OK. CONTINUE IN TESTING 2 7/8" L80 PROD TBG. LATCH ONTO PKR AND MEASURED FOR 15 PTS +/- COMPRESSION
1.1 JT 2 7/8" L80

22' OF TBG SUBS, 10', 8' 4'

46 JTS 2 7/8" L80

GLV #11 @ 1583.21'

19 JTS 2 7/8" L80

GLV #10 @ 2208.21'

18 JTS 2 7/8" L80

GLV #9 @ 2800.49' 18 JTS 2 7/8" L80

GLV #8 @ 3392.62'

18 JTS 2 7/8" L80

GLV #7 @ 3985.32'

GLV #7 @ 3985.32 18 JTS 2 7/8" L80

GLV #6 @ 4577.92'

19 JTS 2 7/8" L80

GLV #5 @ 5202.71'

18 JTS 2 7/8" L80

GLV #4 @ 5794.72' 18 JTS 2 7/8" L80

GLV #3 @ 6387.16'

18 JTS 2 7/8" L80

GLV #2 @ 6977.53'

18 JTS 2 7/8" L80 GLV #1 @7570.33

1 JT 2 7/8" L80

ON/OFF TOOL W/ 3.313 PROFILE NIPPLE @7604.52

STING OFF OF PKR. CIRCULATE 160 BBLS PKR FLUID.

NU TBG HANGER AND SET IN WELLHEAD WITH TBG IN 15 PTS COMPRESSION. LOCK IN HANGER. INSTALL BPV

ND BOP AND 1K X 5K SPOOL.

INSTALL TREE AND TEST VOIDTO 4K, GOOD TEST. TIE ON TO TBG LOAD TBG TOP OF TREE AND TEST TREE TO 2500. REMOVE BPV. LOAD TBG TO 4000 PSI IN AN ATTEMPT TO POP THE BLOW OUT PLUG. WE WERE NOT SUCCESSFUL. SET UP A 10K PUMP TO POP IT OUT MONDAY MORNING

CREW TRAVLE HOME



Completion Complete Job Start Date: 4/9/2015 Job End Date: 5/4/2015

Well Name	Lease	Field Name		Business Unit		
SKEEN 22-26-26 FED 007H	Skeen 22-26-26 Fed				Mid-Continent	
Ground Elevation (ft) Original RKB (ft)	Current RKB Elevation			Mud Line Elevation (ft)	Water Depth (ft)	
3,406.00 3,437	7.00 3,437.00, 1/28/2015					
		1				

3,406.00 3,437.00 3,437.00	00, 1/28/2015			, IMI	ad Line Elevation (it)	Water Depti (it)
		Com	1.1.		<u> </u>	
NO OPERATIONS ON LOCATION.			·	<u> </u>		
Report Start Date: 5/3/2015						
		Com				
CREW DAY OFF						
Report Start Date: 5/4/2015						
		Com				
NO OPS. ON LOCATION						
CREW TRAVEL						
TGSM, JSA REVIEW.						
EPS HELD PRE JOB TGSM AND JSA REVIEV 2 BPM AND PUMPED 3 MORE BBLS. TBG IS @ JUST OVER 1600 PSI. SI WELL. FILL OUT	OPEN TO FORMATION. S	D PUMP AND	MONITOR FOR 1	O MINUTES. SU	RFACE PRESSUI	
RD PU AND RU. ROAD PU TO CDU #440 NE/	AR EUNICE NM. **** FINAL	REPORT****				