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Use "APPLICATION FOR PERMIT—' for such proposals SUBMIT IN TRPLICATE				5. Lease Designation and Serial No.	
	Do not use this for	m for proposals to drill or	to deepen or reentry to a different reservoir.	LC-070544B	
SUBMIT IN TRIPLICATE 7. If Unit or CA, Agreement Designation 1. "Dree of Well Main One- 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator B. Well Name and No. 2. More of Operator Departor 2. More of Subsequent Report Departor 3. More of Subsequent Report Depare Main Report		Use APPLICATION FOR	R PERMIT " for such proposals		
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DEVON SPS OPERATING, INC. Bell Lake Unit #22 3. Address and Tciptions No. 20.015.555f2 20.015.555f2 20.015.555f2 4. Lesight of Well (googg, Ser, T, R, M, or Super, Duschplager 10. Field and Proof or Splontery, Arra West OJO Chick (Morow) 11. County or Farink, State 10. Field and Proof or Splontery, Arra West OJO Chick (Morow) 11. County or Farink, State Les County, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION Nodec of Intent Abandomment Subsequent Report Change of Plans Subsequent Report Pleging Back Outped of Charly sums of particle data, soluting entrance data with and properties to an another to the Indication of the Plans to Indication of Plans to Indication of the Indication of Plans to Indication of Indication of Plans to Indication Indicatio		ell Diher			
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	3. Address and Telephone	No.		9. API Well No.	
	20 NORTH B	ROADWAY, SUITE 1500, OKL	AHOMA CITY, OKLAHOMA 73102 (405) 235-3611	30 015 35592	
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13. Describe Proposed or Completed Operations (Clearly size all perinear datas, and give perinear datas, including estimated date of starting any proposed work. If well is directionally drilled, give autorates to data and uncaused and treat work and top of the autorate and zone perinear to dis work. ? The original Application for Permit to Drill, Form 3160-3, was approved on 6/20/01. Devon Energy Production Company, L.P. requests to amend the casing program as follows: 0 - 800' 20" 94# K55 BT&C - Cmt to surface 0 - 2200' 13 3/8" 54.5# J55 ST&C - Cement to surface Intermediate 0' - 2000' 9 5/8" 40# N80 LT&C 2000' - 5100' 9 5/8" 40#, HCK-55, LT&C - Cement to surface Fhe 7" esg and 4 ½" esg program will remain as originally proposed Please see the attached casing design for design conditions. 4. Thereby certify that the derogoing is true and source First State office use) performation for the surface 1. Trills Performation Date June 25,2001 Trills Potentian Date June 25,2001 Trills State office use) 2. Trills Performation and willfully to make to any department or agency of the United States any false, fictitious or fraudelent statements or represent 2. State of 100, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudelent statements or represent 2. States and states and and willfully to make to any department or agency of the United States any false, fictitious or fraudelent statements or represent 2. States and states and willfully to make to any department or agency of the United States any false, fictitious or fraudelent statements or represent 2. States and states and states and willfully to make to any department or agency of				(Note: Report results of multiple completion on Well	
Please see the attached casing design for design conditions. 4. I hereby certify that the foregoing is true and correct Karen A. Cottom igned	Company, L.P. rec 0 – 800' 20" 94# K4 0 – 2200' 13 3/8" 54 Intermediate 0' – 2 2000'	Quests to amend the cas 55 BT&C – Cmt to surf 4.5# J55 ST&C – Cemer 2000' 9 5/8" 40# N80 L1 – 5100' 9 5/8" 40#, HC	ing program as follows: ace at to surface F&C K-55, LT&C – Cement to surface		
ignet			design conditions.		
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pproved by <u>hal</u> <u>Jac</u> <u>Jac</u> <u>Jac</u> <u>Title</u> <u>Petvo</u> <u>eu in Engineer</u> <u>Date</u> <u>lof2/d2cd</u> onditions of approval, if any: <u>ite 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or represent any matter within its jurisdiction.</u>		ate office use)			
any matter within its jurisdiction.	pproved by Hoe	X. Lora	Tille Petro eum Engineer	Date 6/2/0/2001	
any matter within its jurisdiction.	L.				
*See Instruction on Reverse Side	tic 18 U.S.C. Section 1001, ma any matter within its jurisdicti	uses it a crime for any person knowingh un.	y and whilfully to make to any department or agency of the United States a	iny false, fictitious or fraudulent statements or represen	
			*See Instruction on Reverse Side		

Well name: Operator:

Devon SFS Operating , Inc String type; Surface

HU. HUNA AUTO A AND ATOMA AND AND A

Bell Lake Unit #22

<u>Colla</u> Mu	d weight:	eters: ed on evacua	9.000 ppg ated pipe.	<u>Collaps</u>	Minimum design factors: <u>Collapse:</u> Design factor 1.125			Environment: H2S considered? No Surface temperature: 75 °F Bottom hole temperature: 86 °F Temperature gradient: 1.40 °F/100ft			
	x anticipated	t surface		<u>Burst:</u> Design fa	actor	1.00	Minimum section length: 800 ft		800 ft		
Inte Cal	pressure: 586 psi Internal gradient: 0.268 psi/ft Calculated BHP 800 psi No backup mud specified,				<u>Tension:</u> 8 Round STC: 8 Round LTC: Buttress:		Non-directional string.				
				Premium: Body yield:		1.60 (J) 1.50 (J) 1.60 (B)	Re subsequent strings:				
			Tension is Neutral po	Tension is based on air w Neutral point:		Next mud weight: 10.000 Next setting BHP: 2,987 Fracture mud wt: 19.250 Fracture depth: 800		5,750 ft 10.000 ppg 2,987 psi 19.250 ppg 800 ft 800 psi			
Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (Ibs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth	Drift Diameter	Est. Cost		
1	800	20	94.00	K-55	Buttress	800	(ft) 800	(în) 18.999	(\$) 21503		
Run Seq 1	Collapse Load (psi) 374	Collapse Strength (psi) 520	Collapse Design Factor 1.39	Burst Load (psi) 800	Burst Strength (psi) 2110	Burst Design Factor 2.64	Tension Load (kips) 75.2	Tension Strength (kips) 1479	Tension Design Factor 19.67 J		

Devon Energy

Date: June 25,2001 Oklahoma City, Oklahoma

Collapse is based on a vertical depth of 800 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Remarks:

Engineering responsibility for use of this design will be that of the purchaser.

Well name: Operator:

Devon SFS Operating , Inc Surface (2) String type:

Bell Lake Unit #22

Collaps Mud	n paramete se weight: ign is based		8.400 ppg ted pipe.	Minimun <u>Collapse:</u> Design fac		:tors: 1.125	Environme H2S conside Surface terr Bottom hole Temperatur Minimum se	No 75 °F 106 °F 1.40 °F/100ft 800 ft	
<u>Burst</u> Max	anticipated	surface		<u>Burst:</u> Design fac	ctor	1.00		louon longui.	
Max anticipated surface pressure: 897 psi Internal gradient: 0.268 psi/ft Calculated BHP 1,486 psi No backup mud specified.				Tension: 1.80 (J) 8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) Buttress: 1.60 (J) Premium: 1.50 (J)		Non-directional string.			
			Body yield	i: s based on air	1.60 (B) Re subsequent strings: Next setting depth: ased on air weight. Next mud weight:			5,100 ft 10.000 ppg 2,649 psi 13.000 ppg 2,200 ft 1,486 psi	
Run	Segment		Nominal		End	True Vert	Measured	Drift	Est.
Seq	Length (ft)	Size (in)	Weight (lbs/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Diameter (in)	Cost (\$)
1	2200	13.375	54.50	J-55	ST&C	2200	2200	12.49	27296
Run Seq 1	Collapse Load (psi) 960	Collapse Strength (psi) 1130	-	Burst Load (psl) 1486	Burst Strength (psi) 2730	Burst Design Factor 1.84	Tension Load (kips) 119.9	Tension Strength (klps) 514	Tension Design Factor 4.29 J

Devon Energy

Date: June 25,2001 Oklahoma City, Oklahoma

Remarks:

Collapse is based on a vertical depth of 2200 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Bell Lake Unit #22

Well name: Devon SFS Operating , Inc Operator: Intermediate String type:

Design parameters: <u>Collapse</u> Mud weight: 10.000 ppg Design is based on evacuated pipe. Surface pressure: 100 psi Burst				Minimum (<u>Collapse:</u> Design facto	design fact	tors: 1.125	Environment: M2S considered? No Surface temperature: 75 °F Bottom hole temperature: 146 °F Temperature gradient: 1.40 °F/10 Minimum section length: 1,000 ft		
				<u>Burst:</u> Design facto	o r	1.00			
Max anticipated surface pressure: 2,000 psi internal gradient: 0.267 psi/ft Calculated BHP 3,361 psi No backup mud specified.		8 Round LT Buttress: Premium: Body yield: Tension is to Neutral poin	8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) Buttress: 1.60 (J) Premium: 1.50 (J)		Non-directional string. Re subsequent strings: Next setting depth: 11,800 ft Next mud weight: 8,400 ppg Next setting BHP: 5,149 psi Fracture mud wt: 19,250 ppg Fracture depth: 5,100 ft Injection pressure 5,100 psi				
Run Seq 2 1	Segment Length (ft) 2000 3100	Size (in) 9.625 9.625	Nominal Welght (Ibs/ft) 40.00 40.00	Grade N-80 HCK-55	End Finish LT&C LT&C	True Vert Depth (ft) 2000 5100	Measured Depth (ft) 2000 5100	Drift Diameter (In) 8.75 8.75	Est. Cost (\$) 25450 38136
Run Seq 2 1	Collapse Load (psi) 1139 2749	Collapse Strength (psi) 2955 4230	Collapse Design Factor 2.59 1.54	Burst Load (psi) 2534 3361	Burst Strength (psi) 5750 3950	Burst Design Factor 2.27 1.18	Tension Load (kips) 204 124	Tension Strength (kips) 737 630	Tension Design Factor 3.61 J 5.08 B

Devon Energy

Date: June 25,2001 Oklahoma City, Oklahoma

Collapse is based on a vertical depth of 5100 ft, a mud weight of 10 ppg. The casing is considered to be avacuated for collapse purposes. Collapse strength is based on the Westcott, Duntop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.